

FIG. 2

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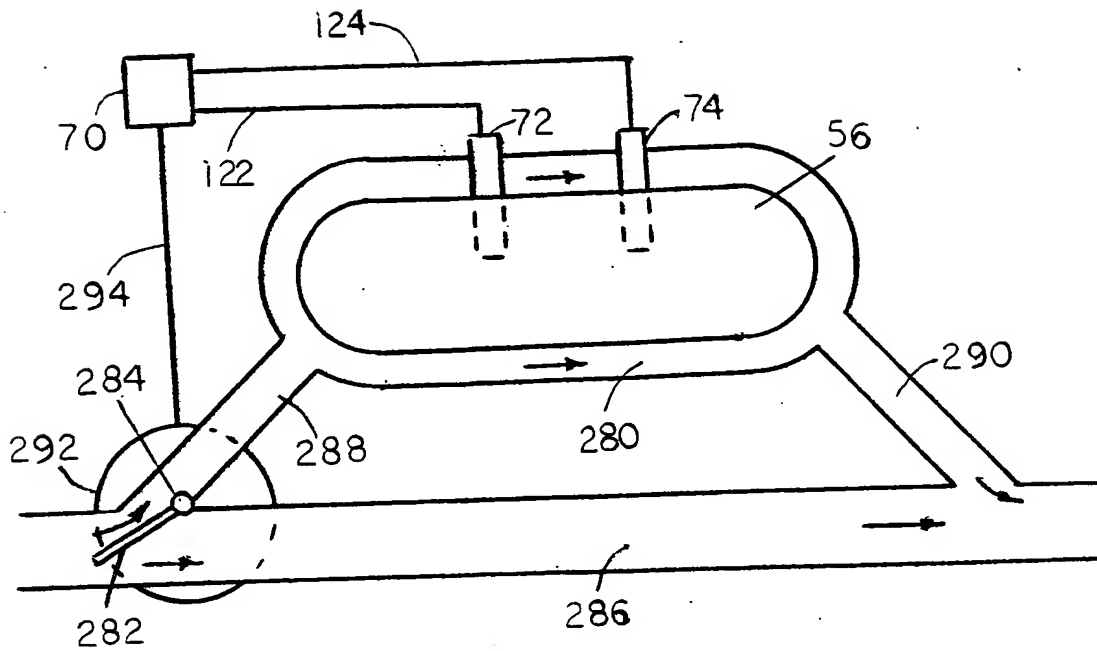


FIG. 3

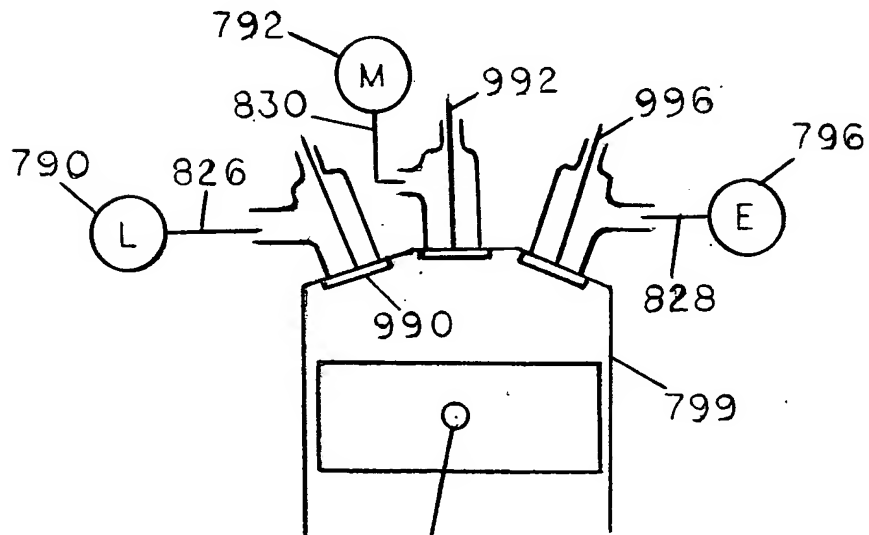


FIG. 25

The diagram illustrates a vacuum furnace system. A central rectangular chamber (310) is shown with a door (318) at the bottom. Inside the chamber, a sample (312) is positioned on a support (314). The chamber is surrounded by a heating assembly (320) consisting of multiple heating elements (322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350). A central vertical rod (327) is also present. The chamber is connected to a vacuum pump (354) via a line (352). A control circuit (356) is connected to the heating elements and the vacuum pump. The circuit includes a power source (358) and a switch (360). The chamber is also connected to a gas inlet (316) and a gas outlet (318).

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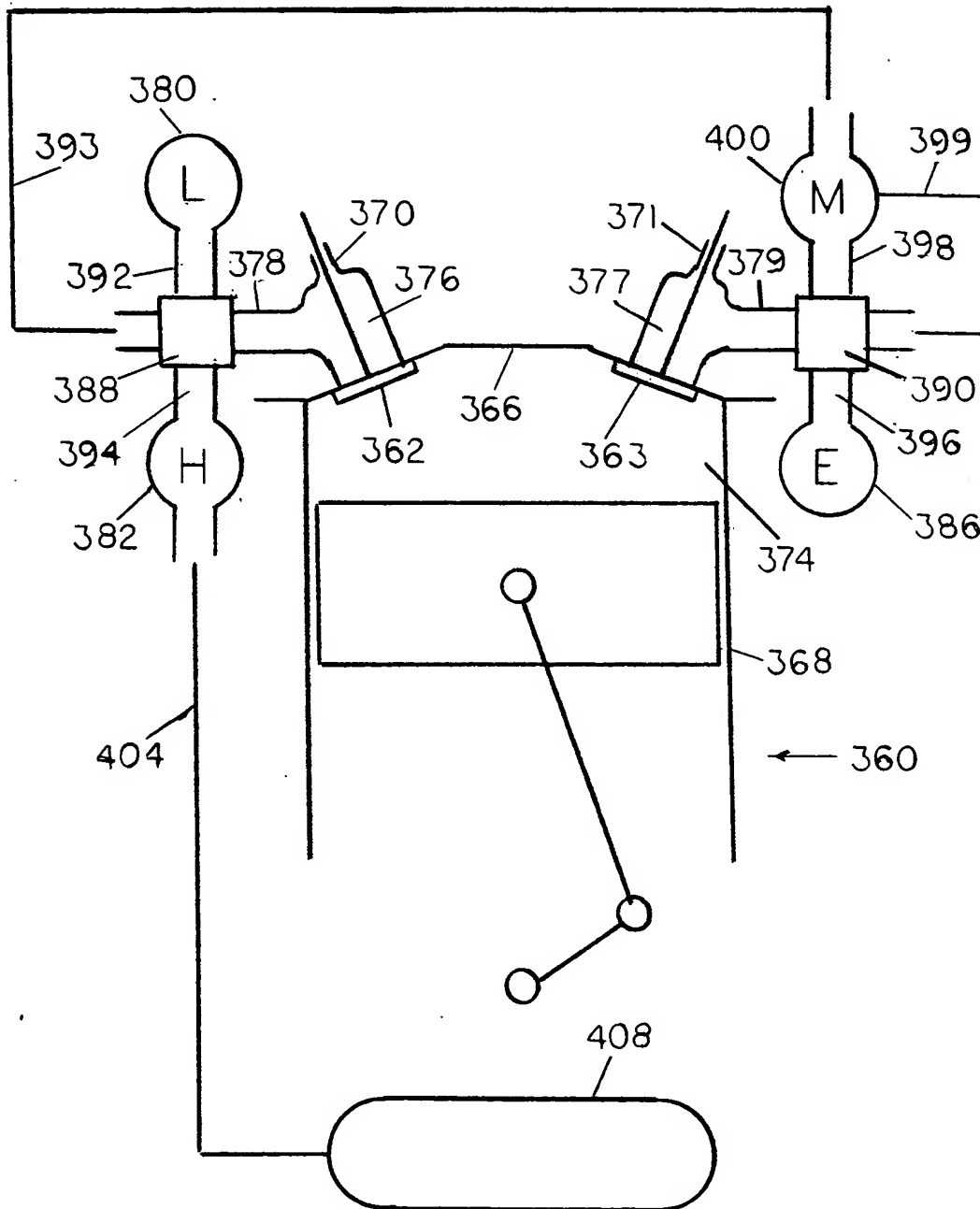


FIG. 4B

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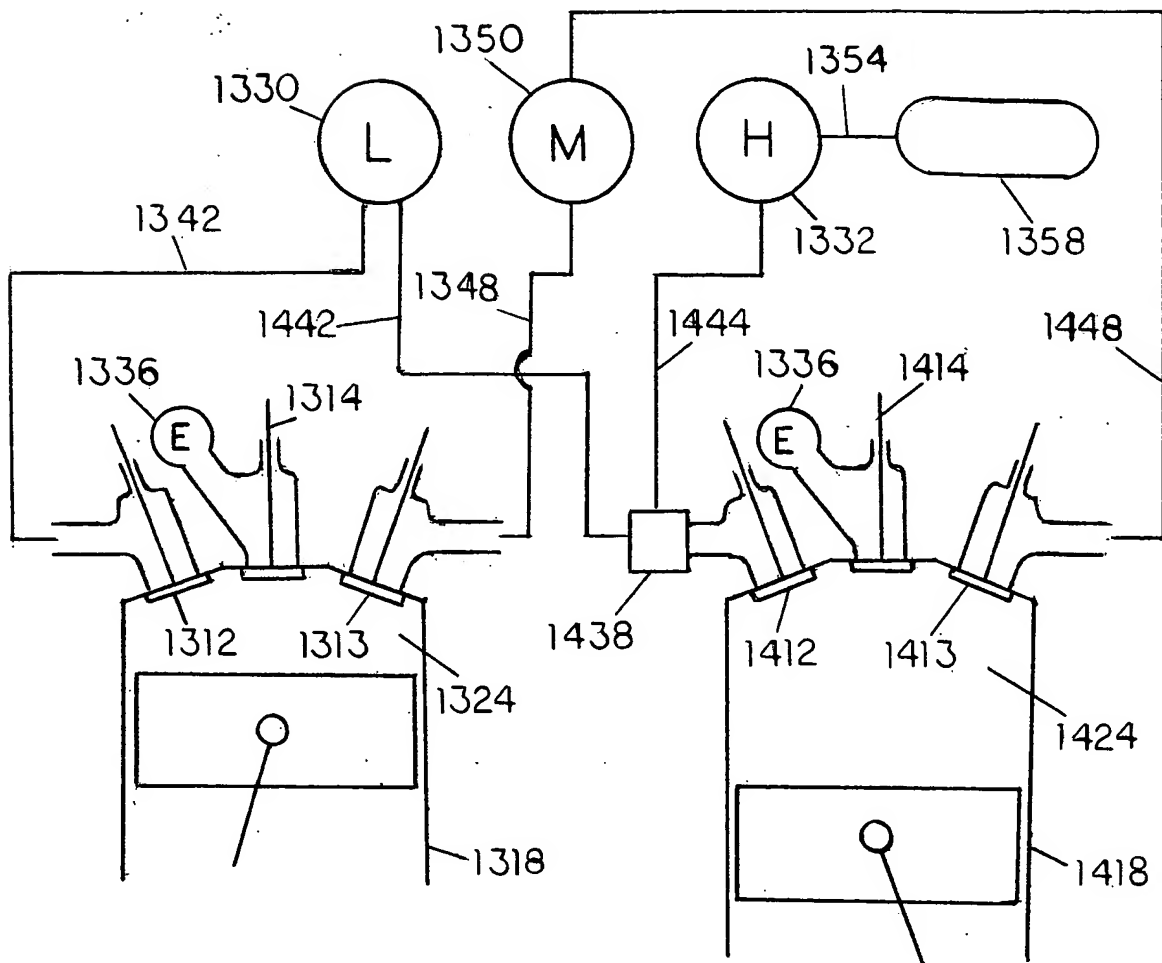


FIG. 4C

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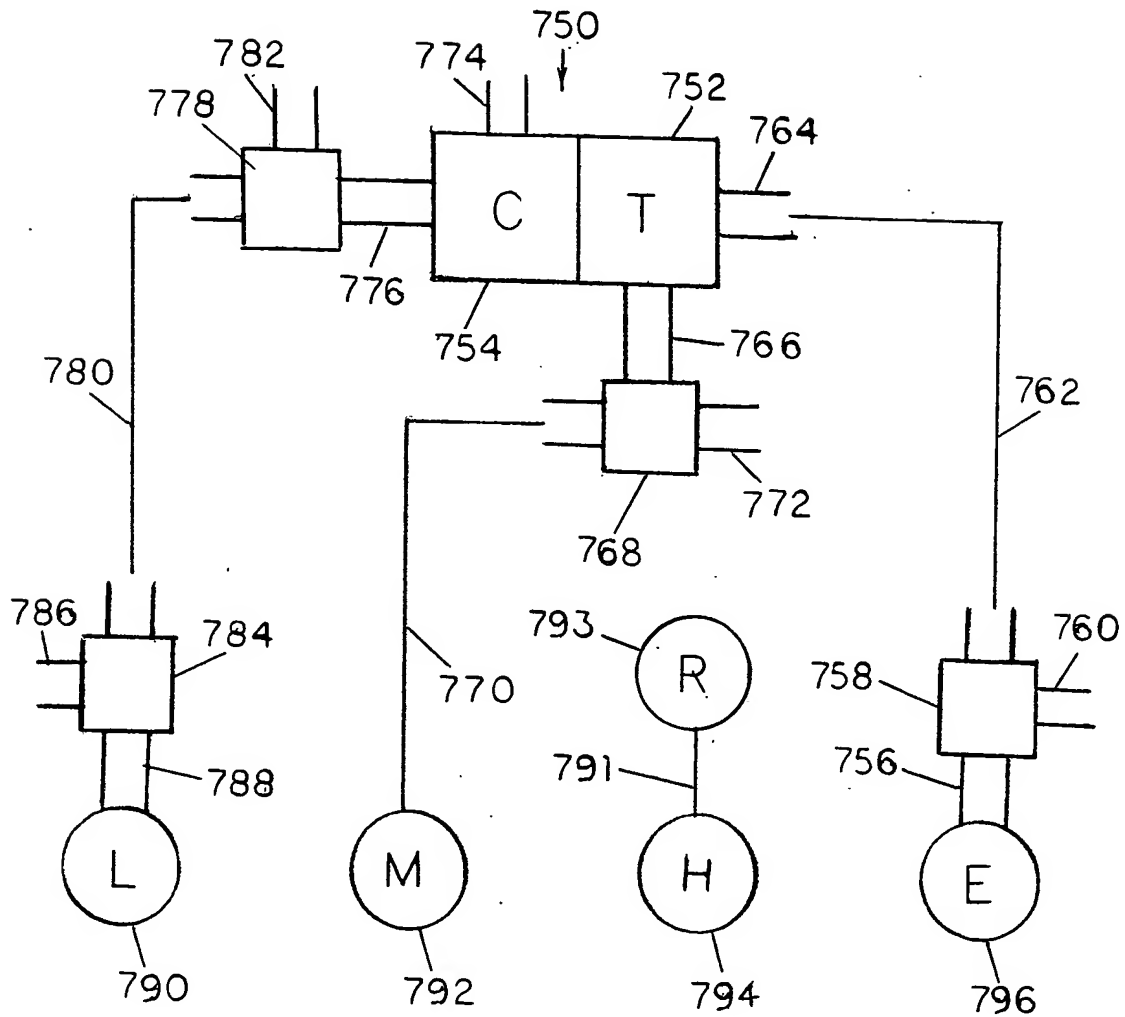


FIG. 4D

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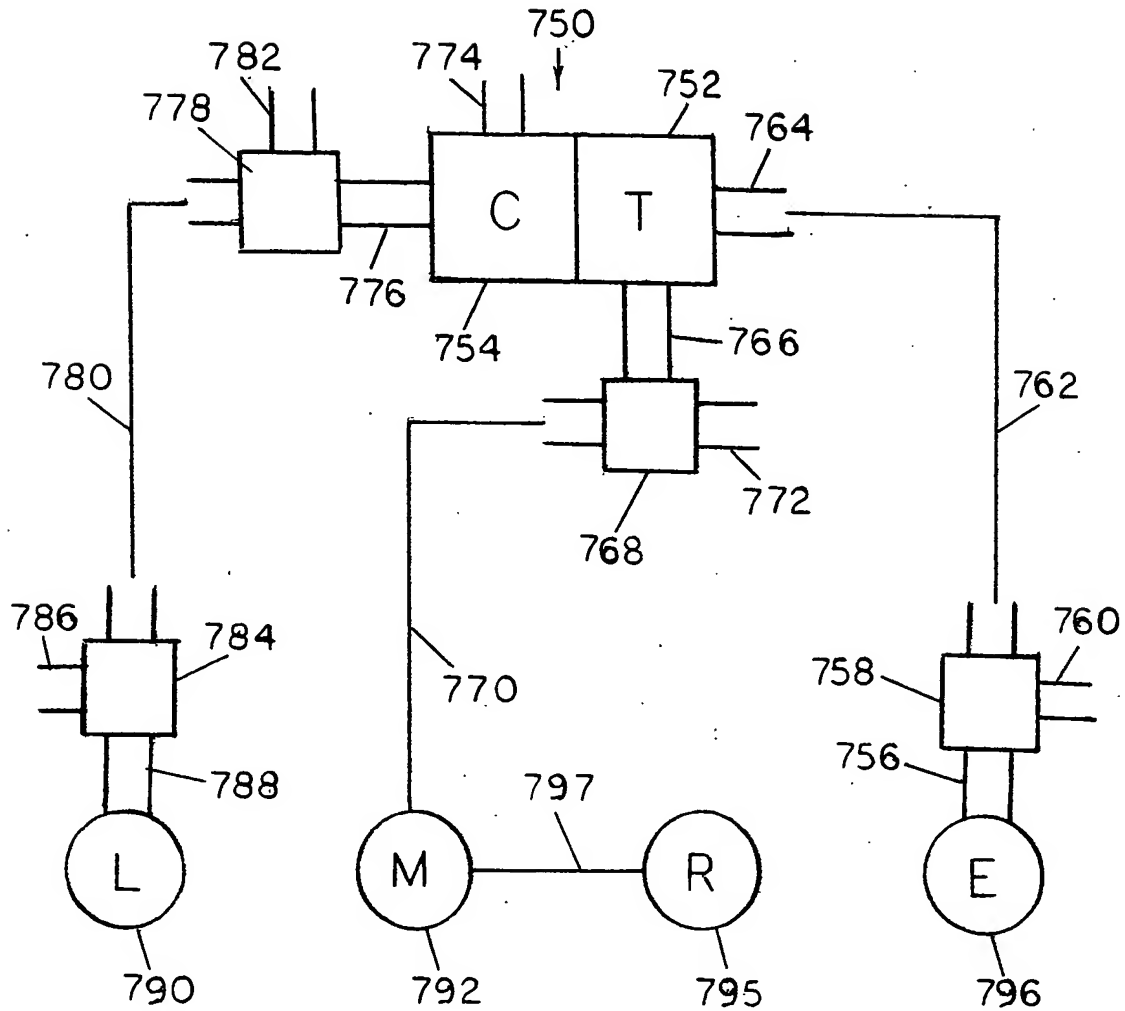


FIG. 4E



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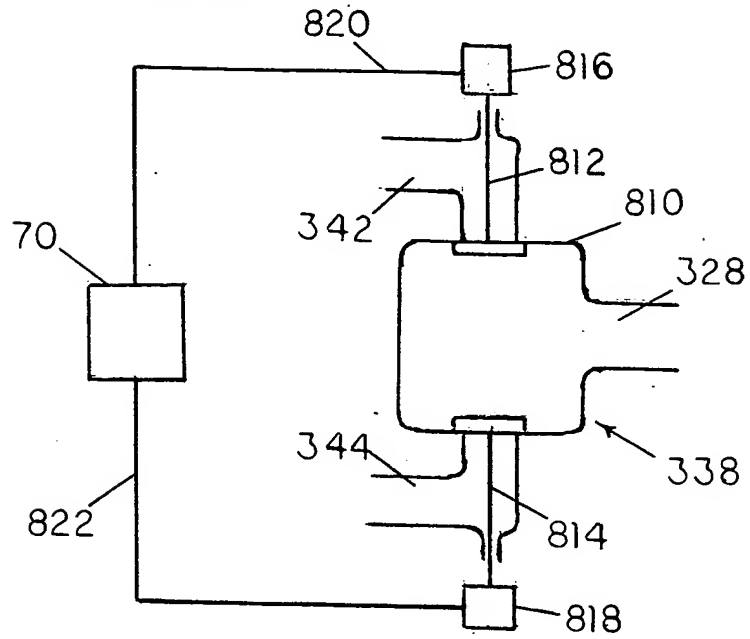


FIG. 5A

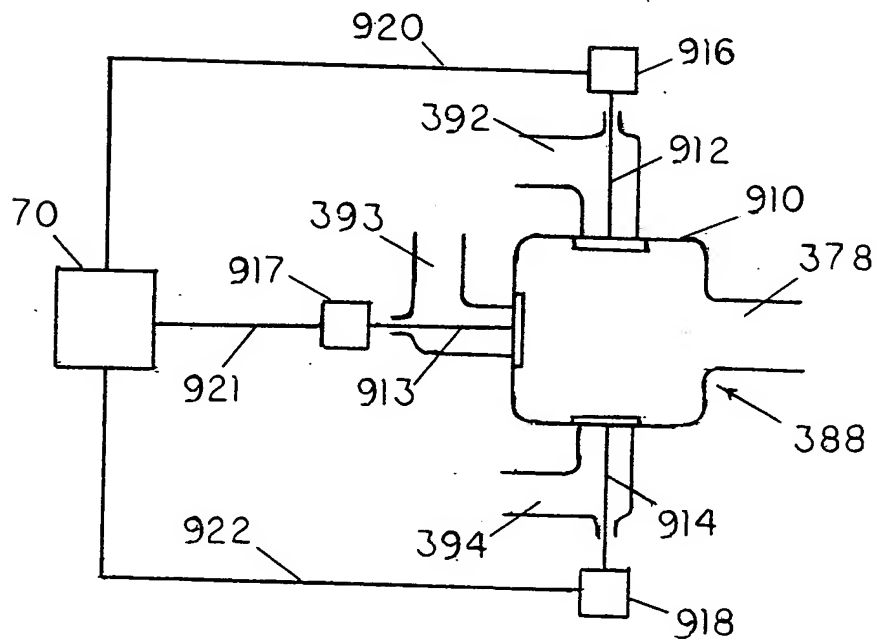


FIG. 5B

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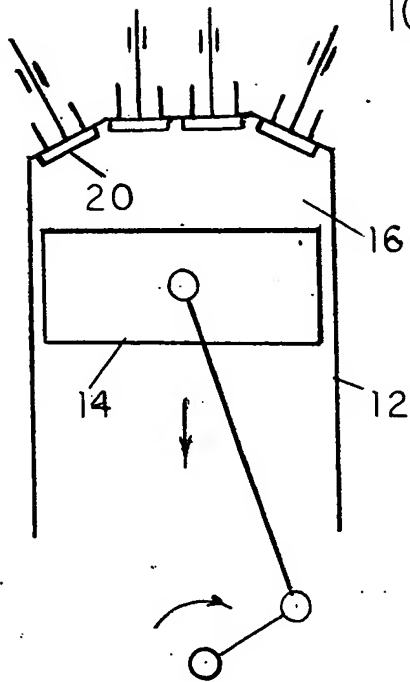


FIG. 6A

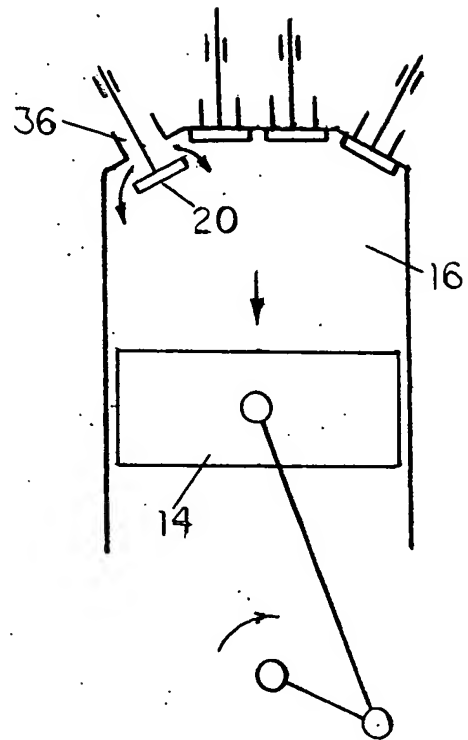


FIG. 6B

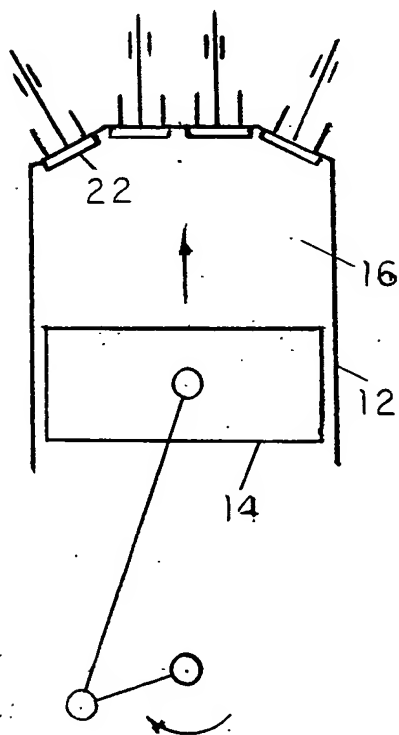


FIG. 6C

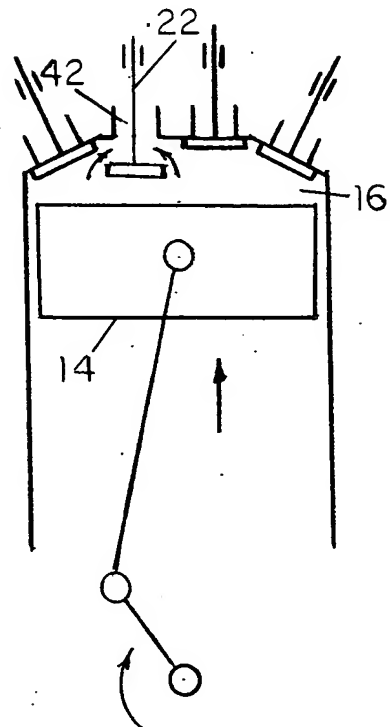


FIG. 6D

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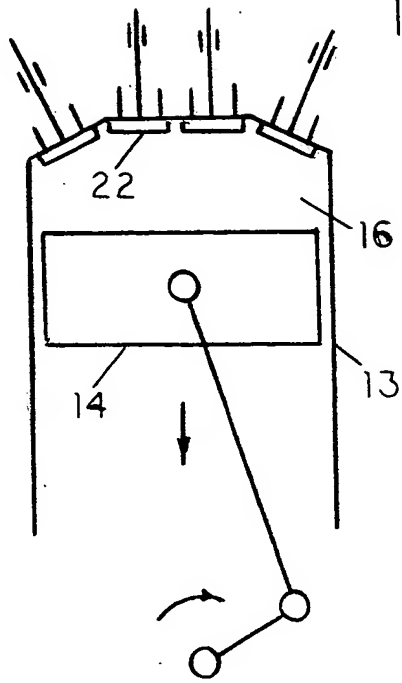


FIG. 7A

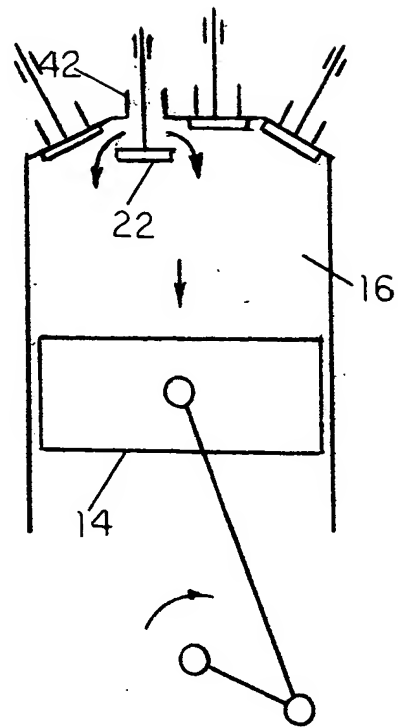


FIG. 7B

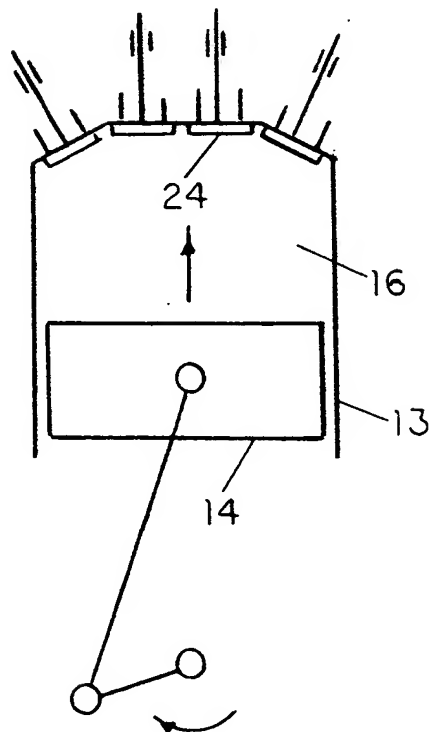


FIG. 7C

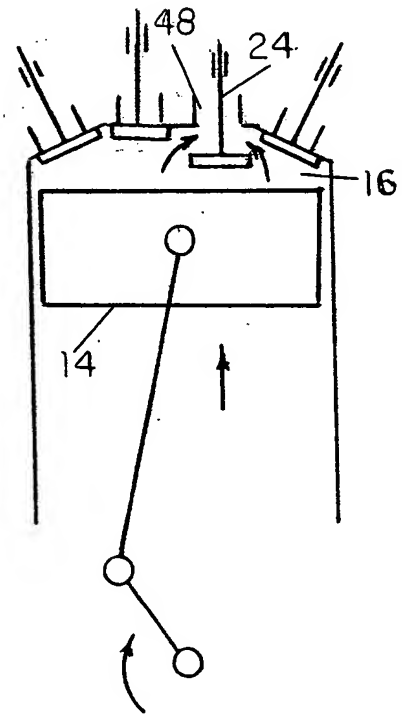


FIG. 7D

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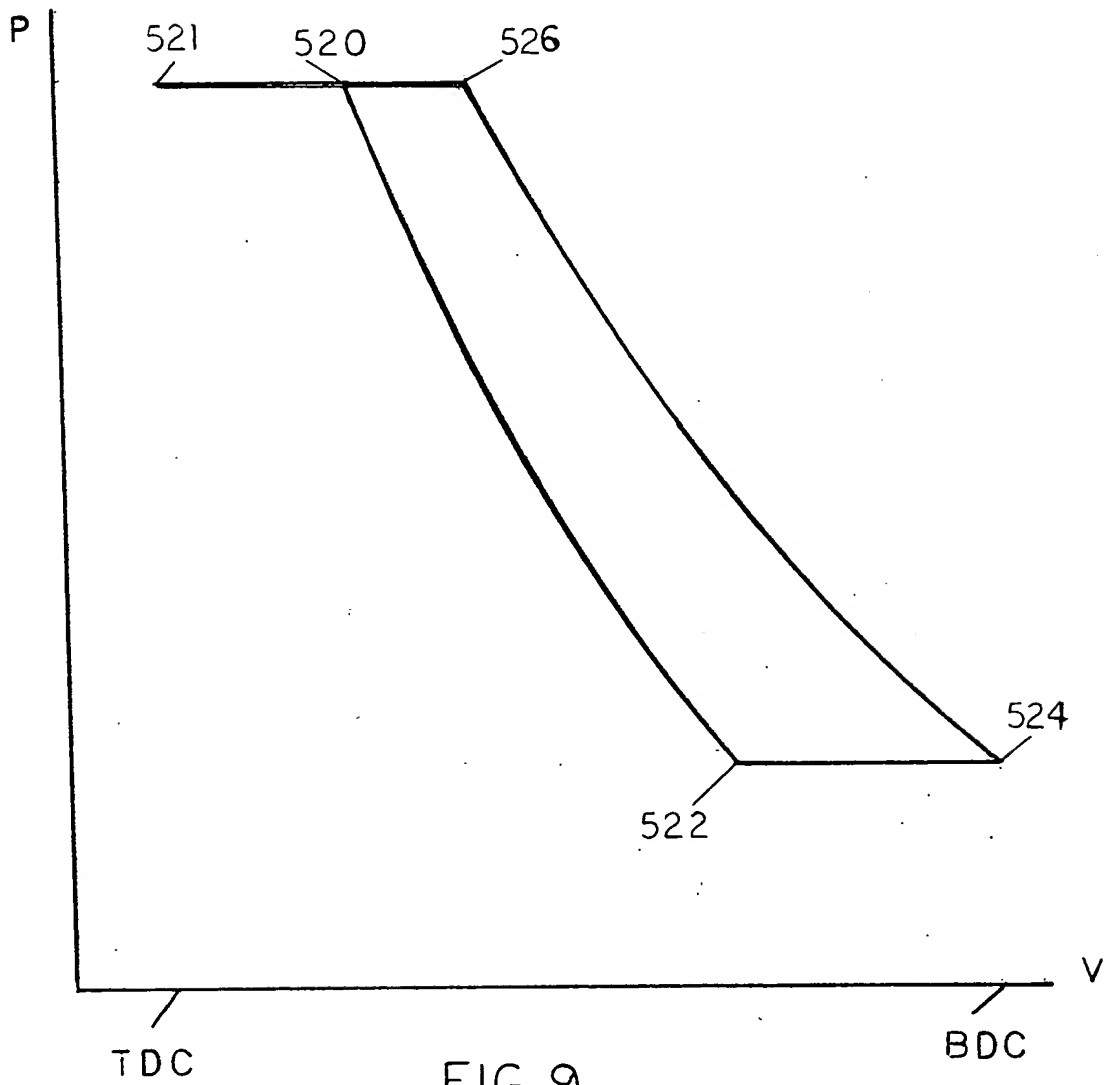


FIG. 9

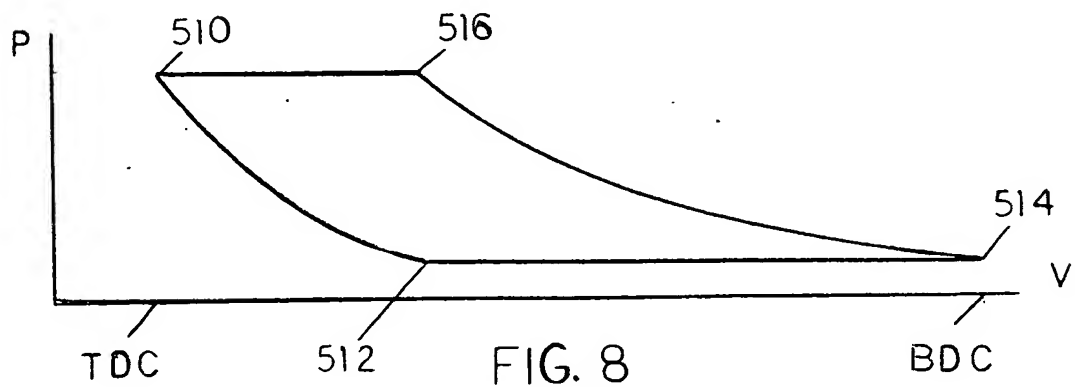


FIG. 8

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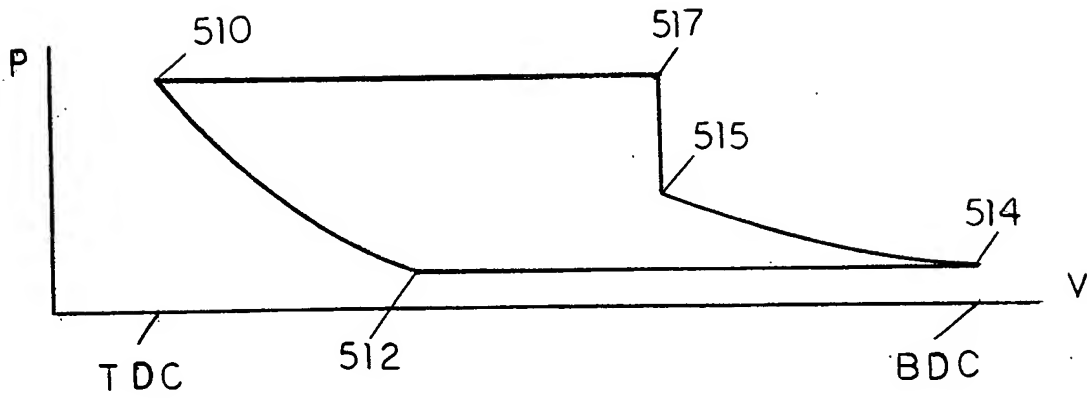


FIG. 8A

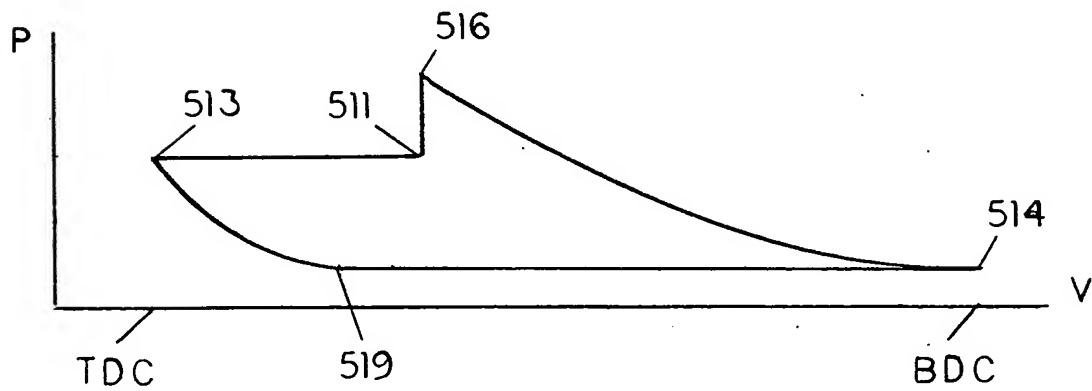


FIG. 8B

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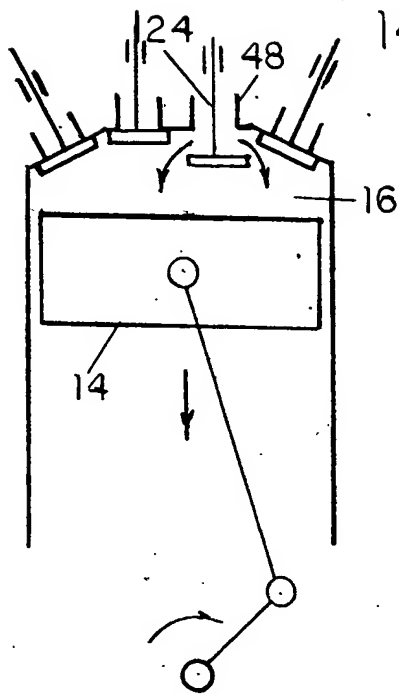


FIG. 10A

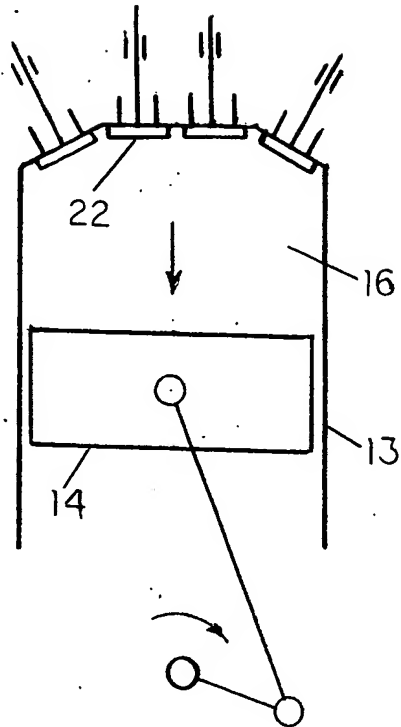


FIG. 10B

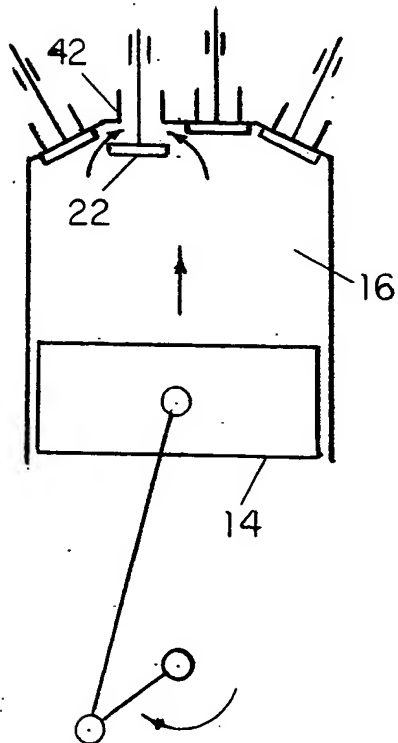


FIG. 10C

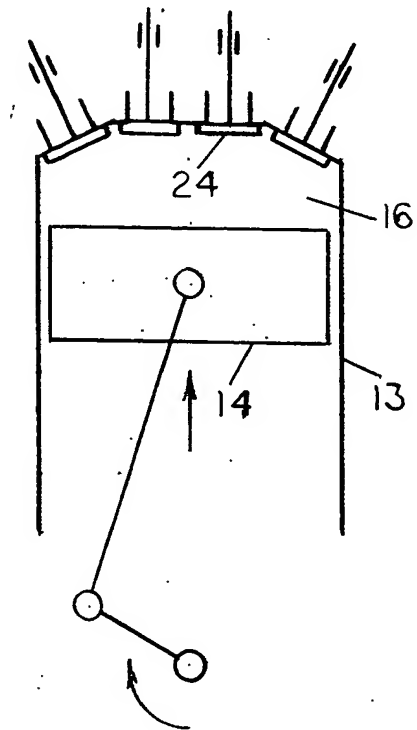


FIG. 10D

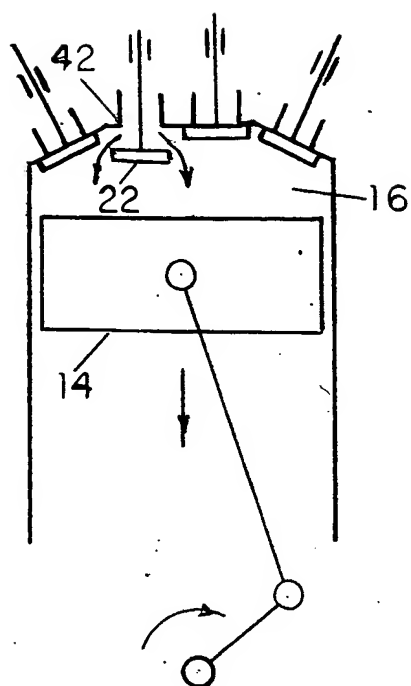


FIG. 11A

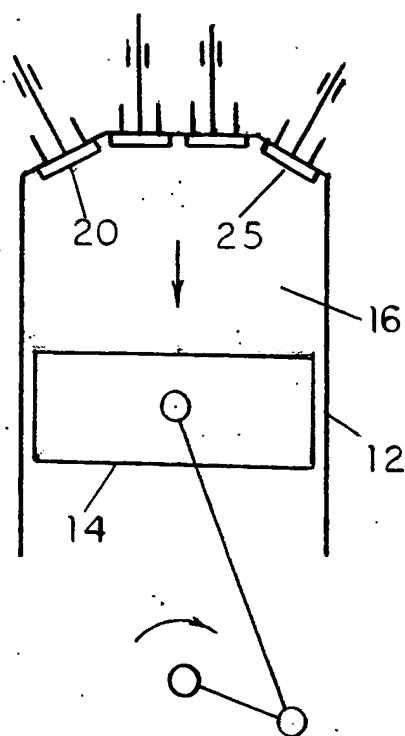


FIG. 11B

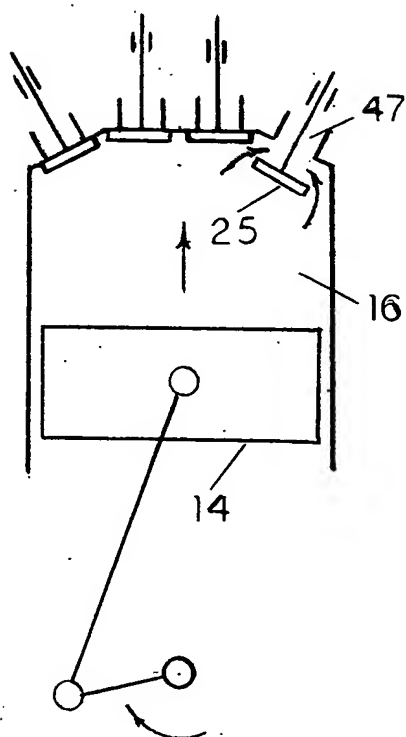


FIG. 11C

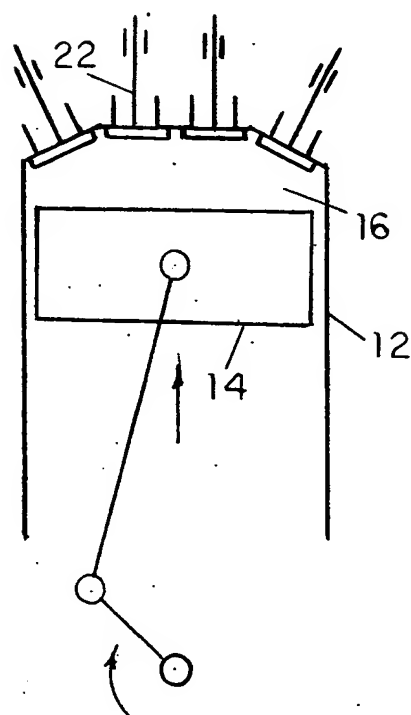


FIG. 11D

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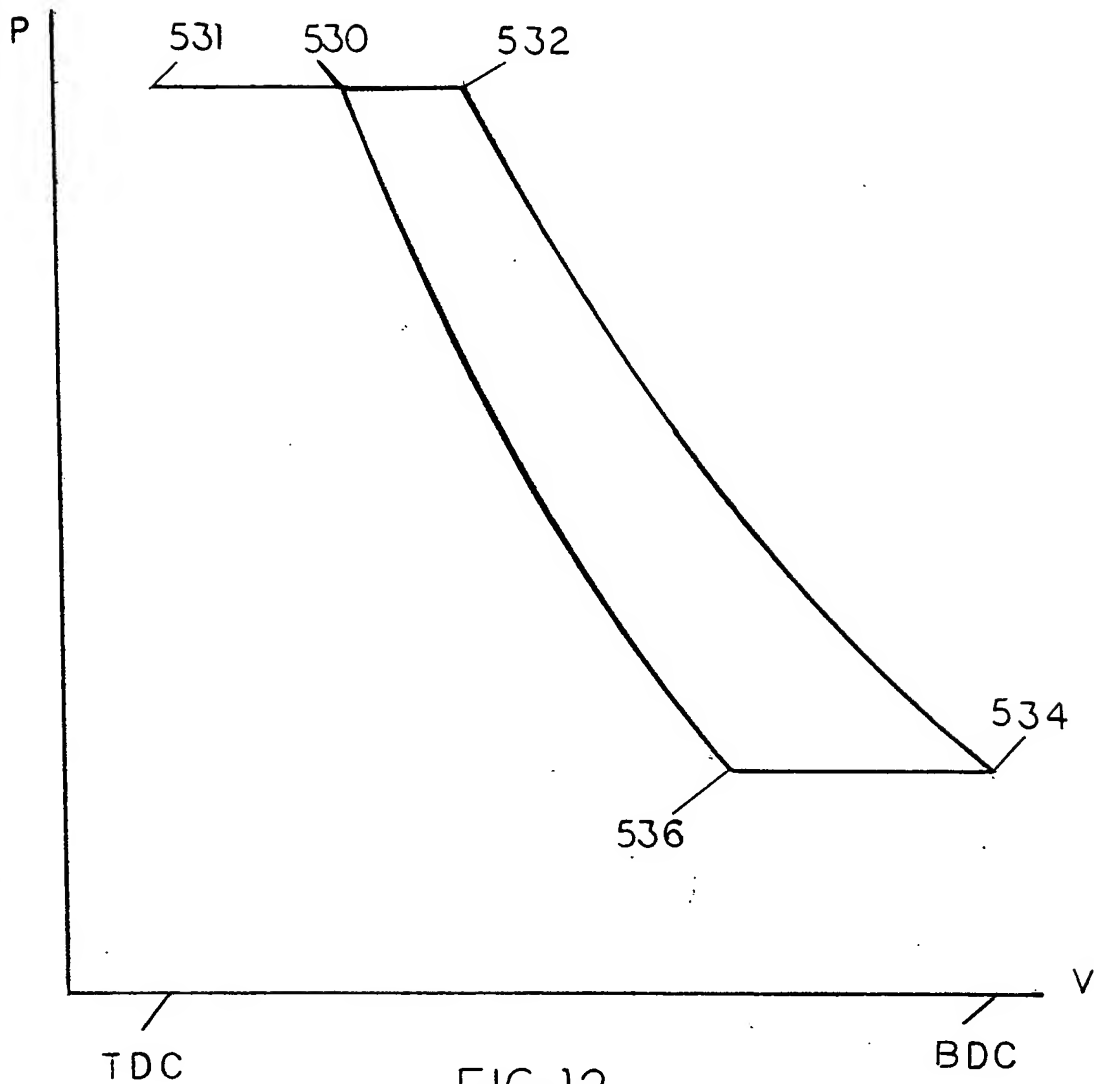


FIG. 12

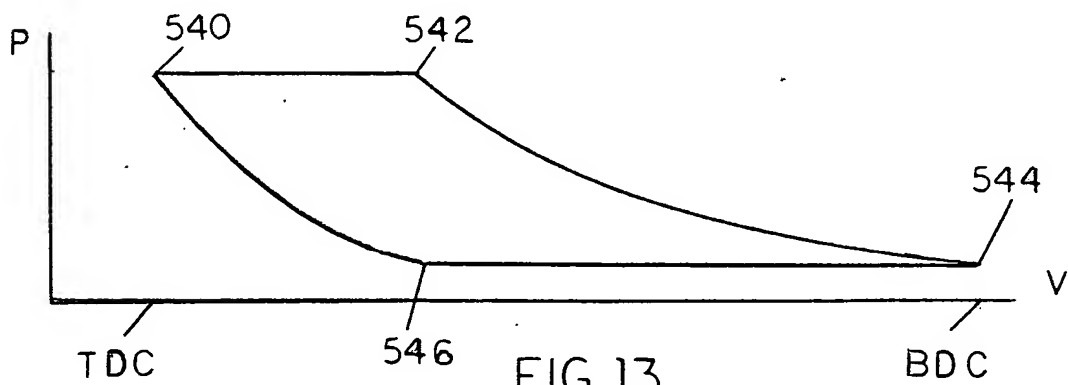


FIG. 13



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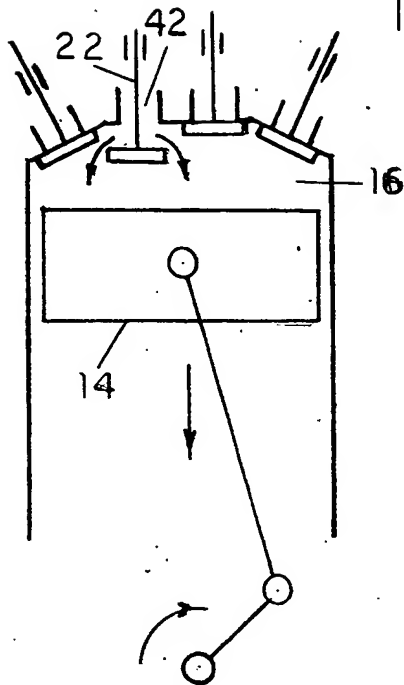


FIG. 14A

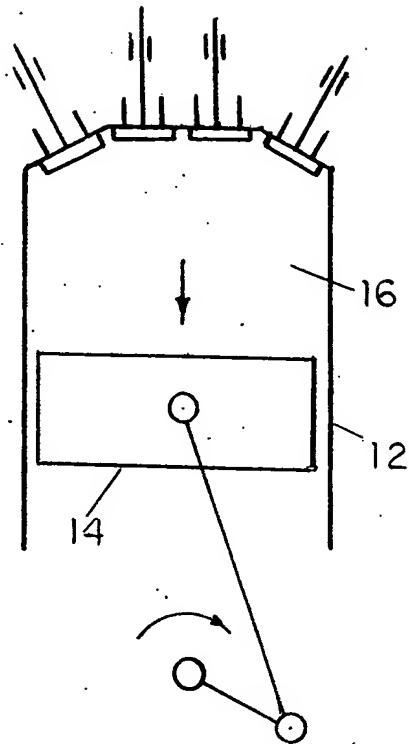


FIG. 14B

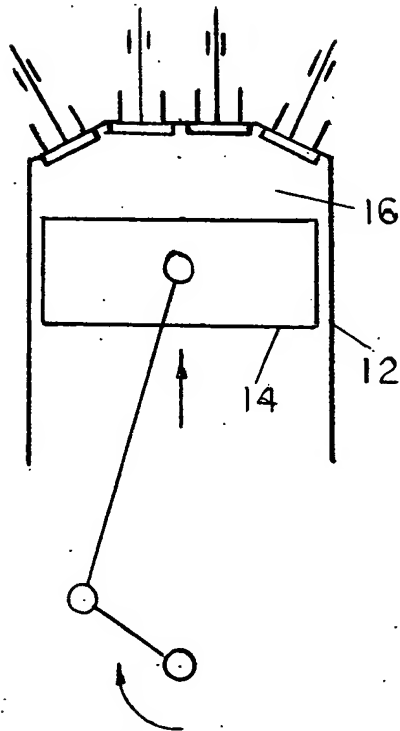


FIG. 14C

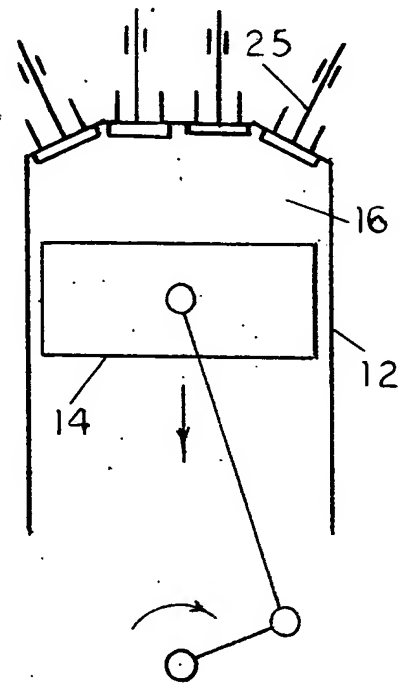


FIG. 14D

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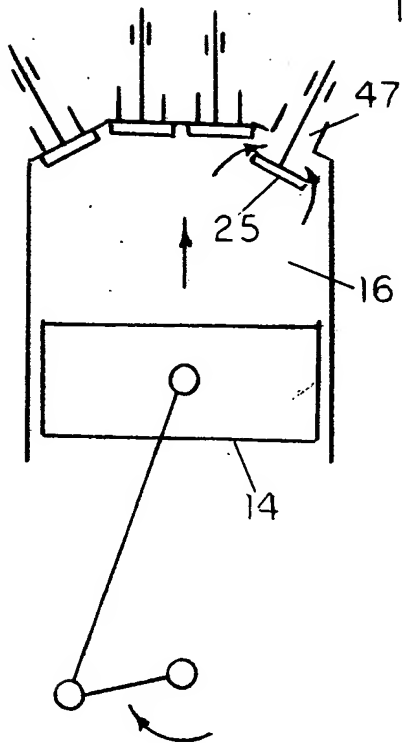


FIG. 14E

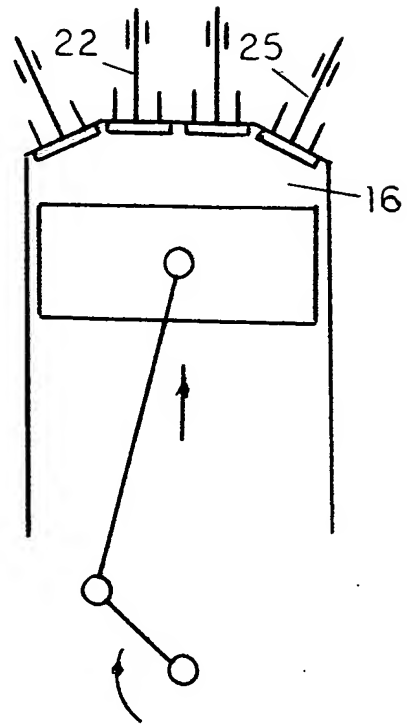


FIG. 14F

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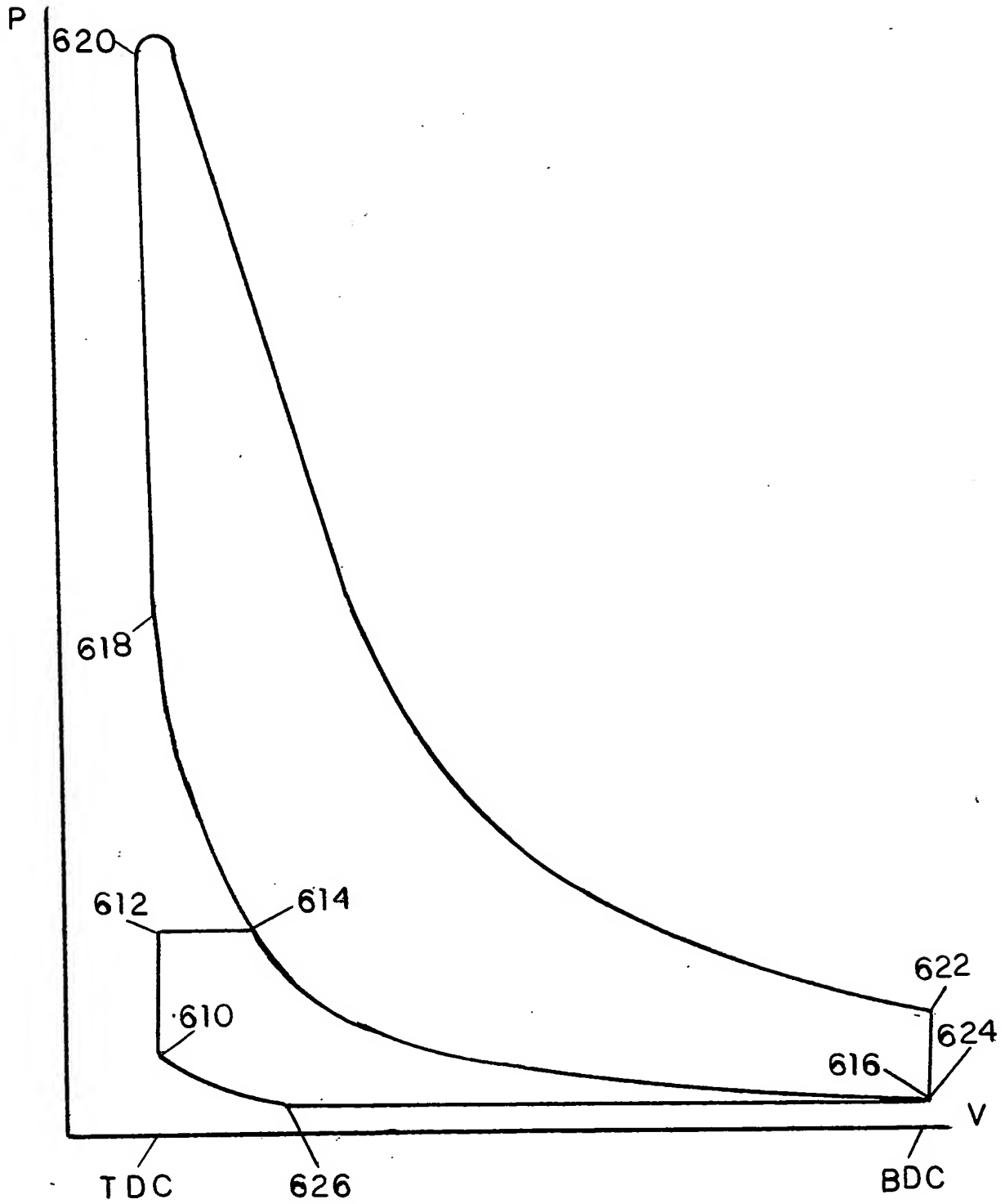
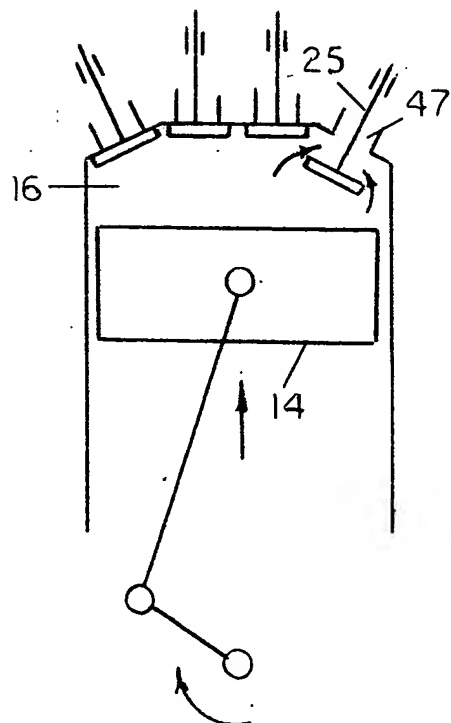
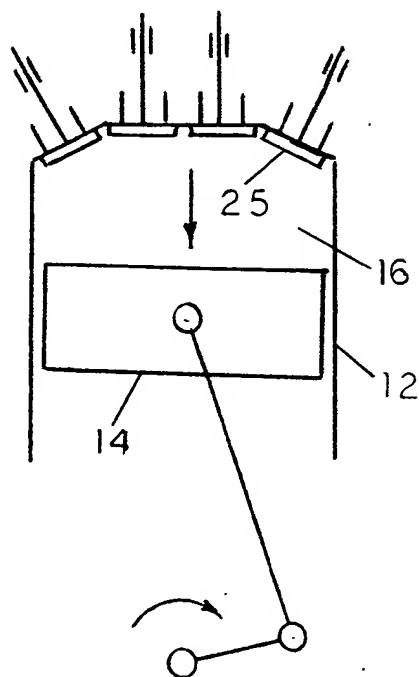
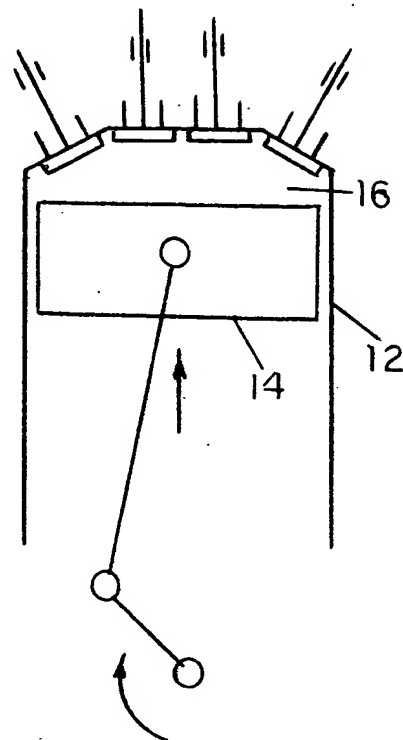
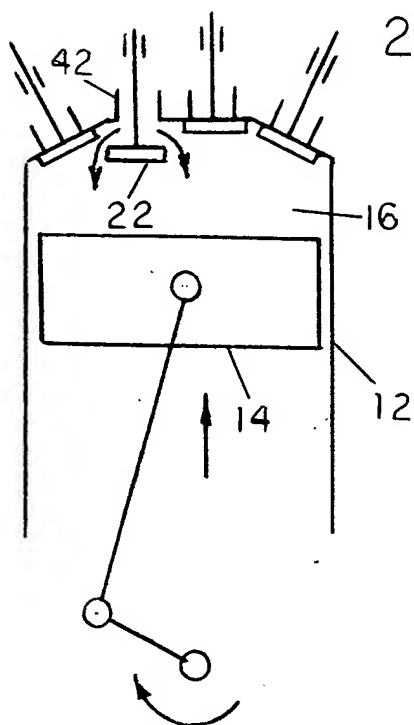


FIG. 15

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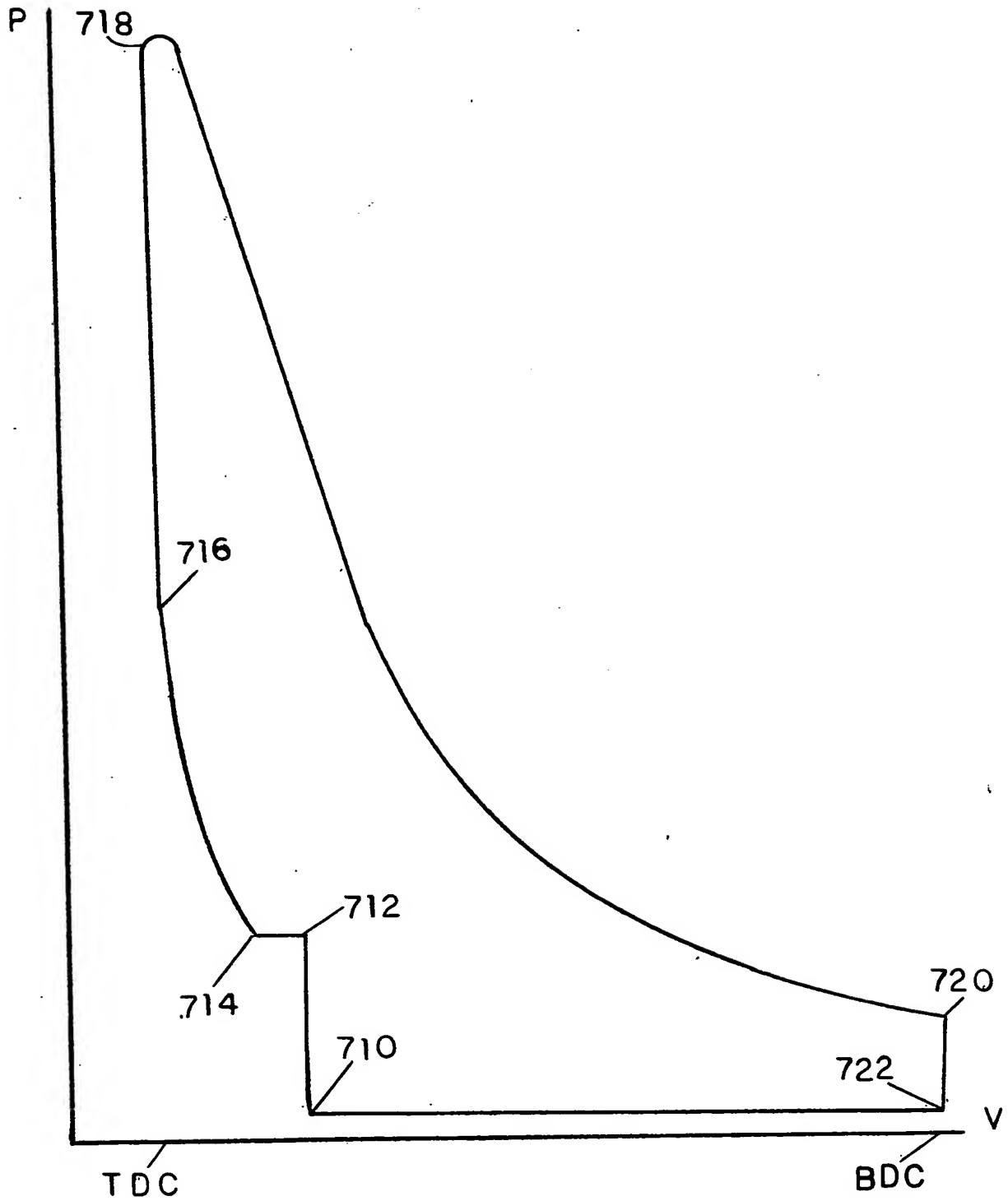


FIG.17

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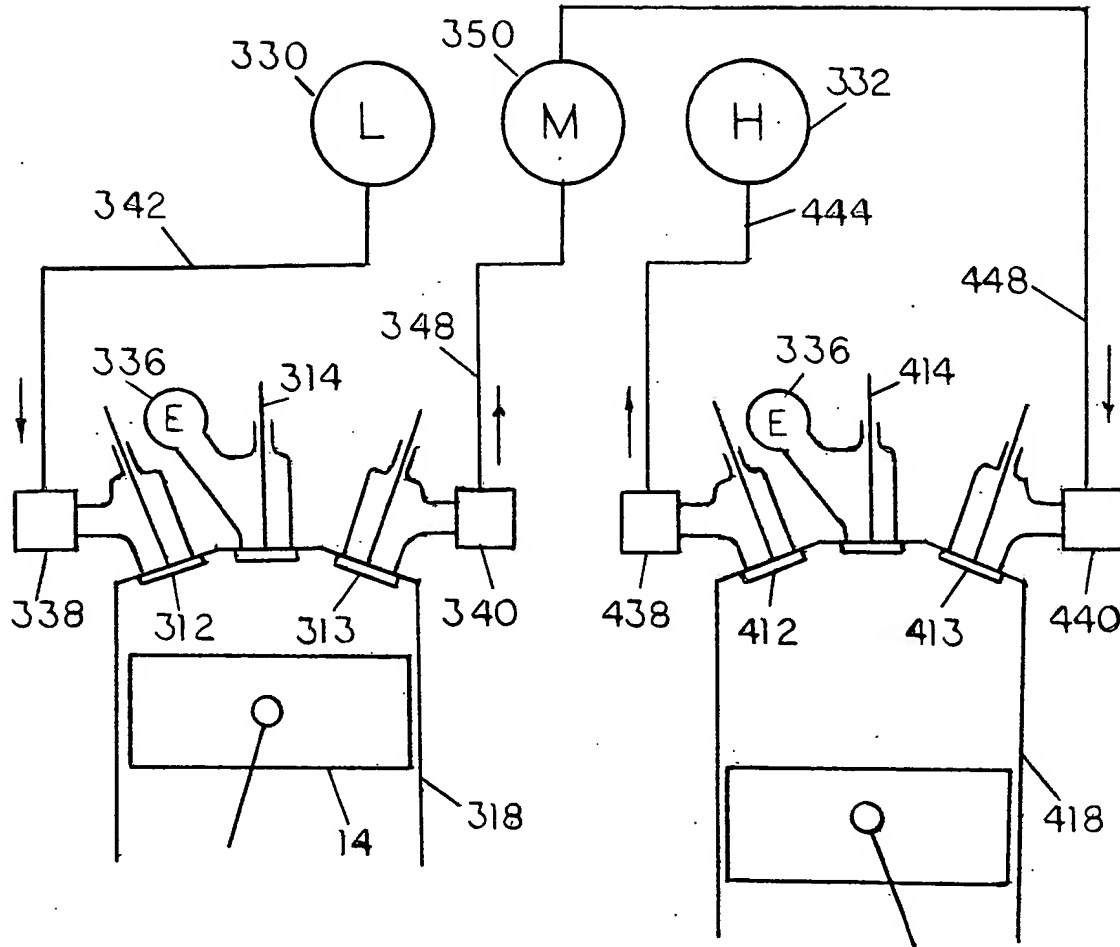


FIG. 18A

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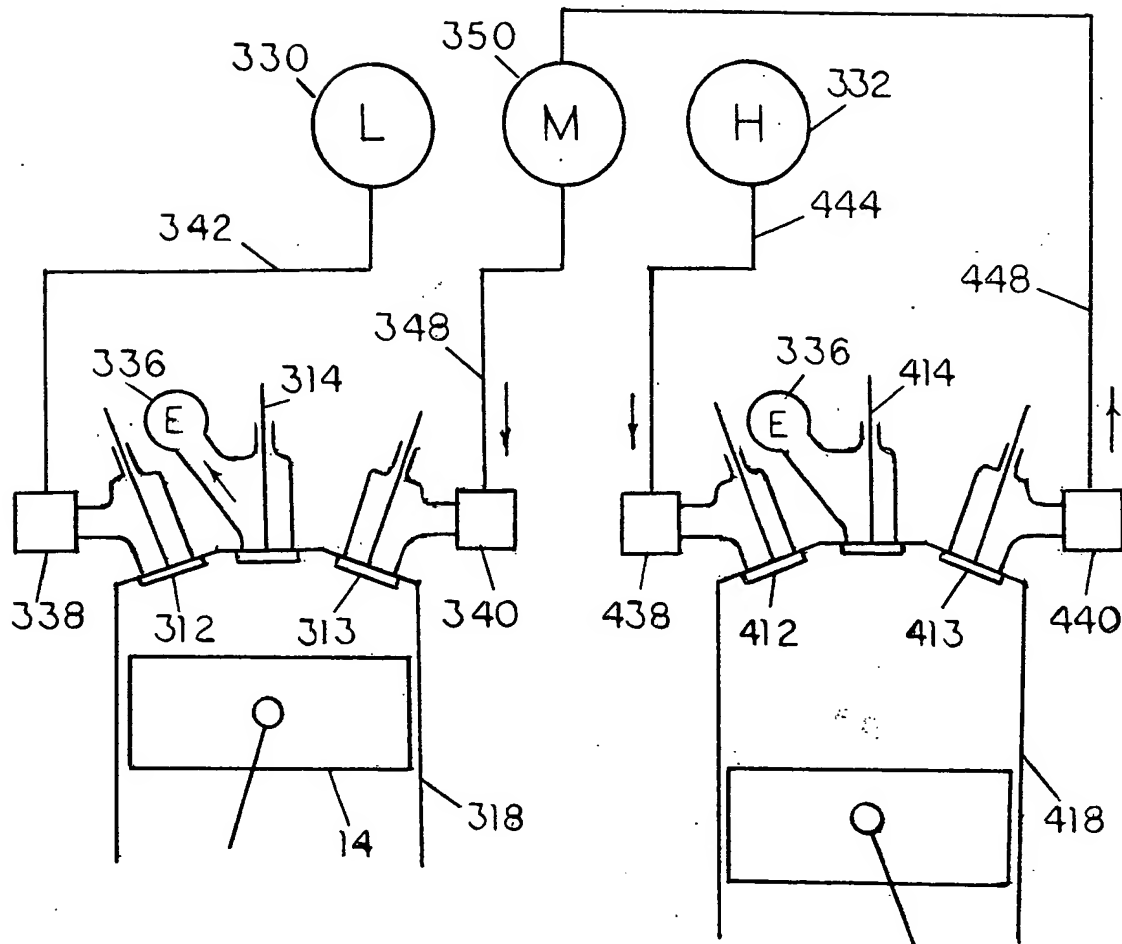


FIG. 18B

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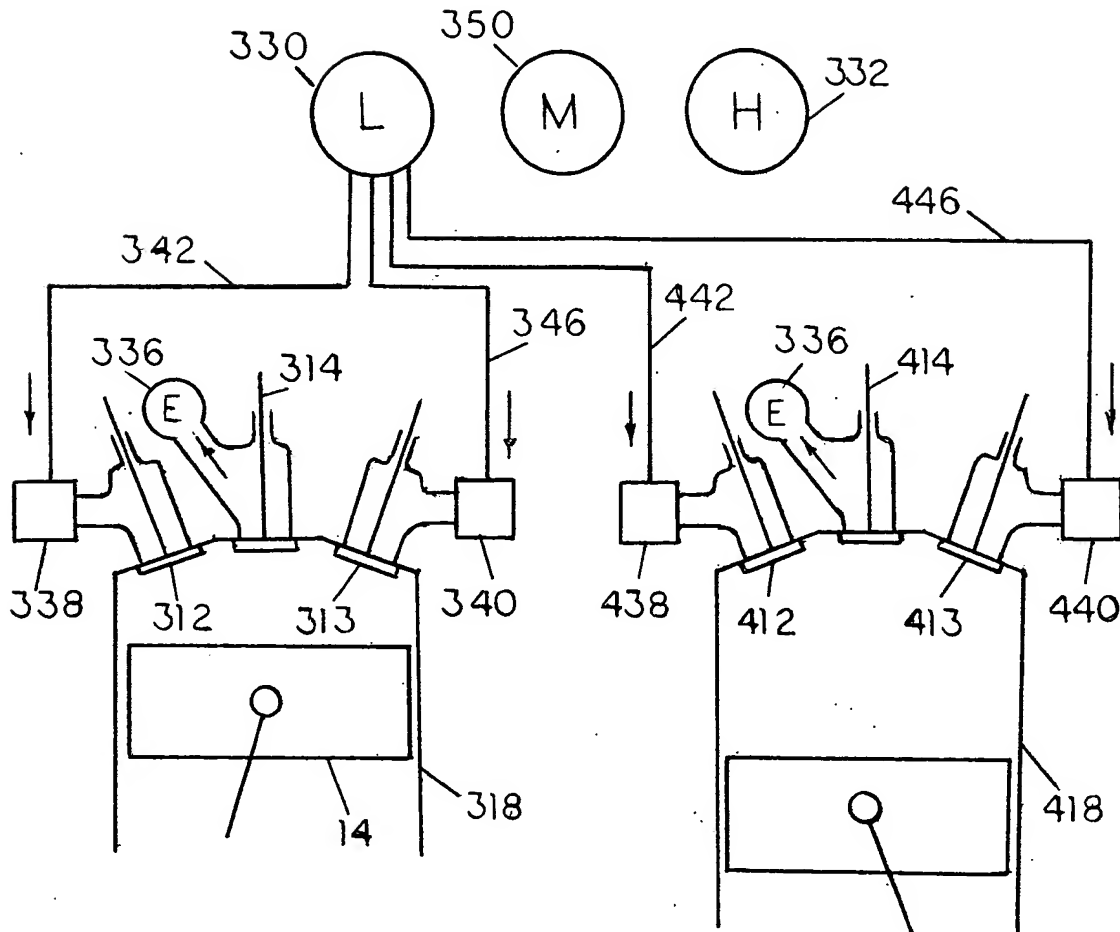


FIG. 18C



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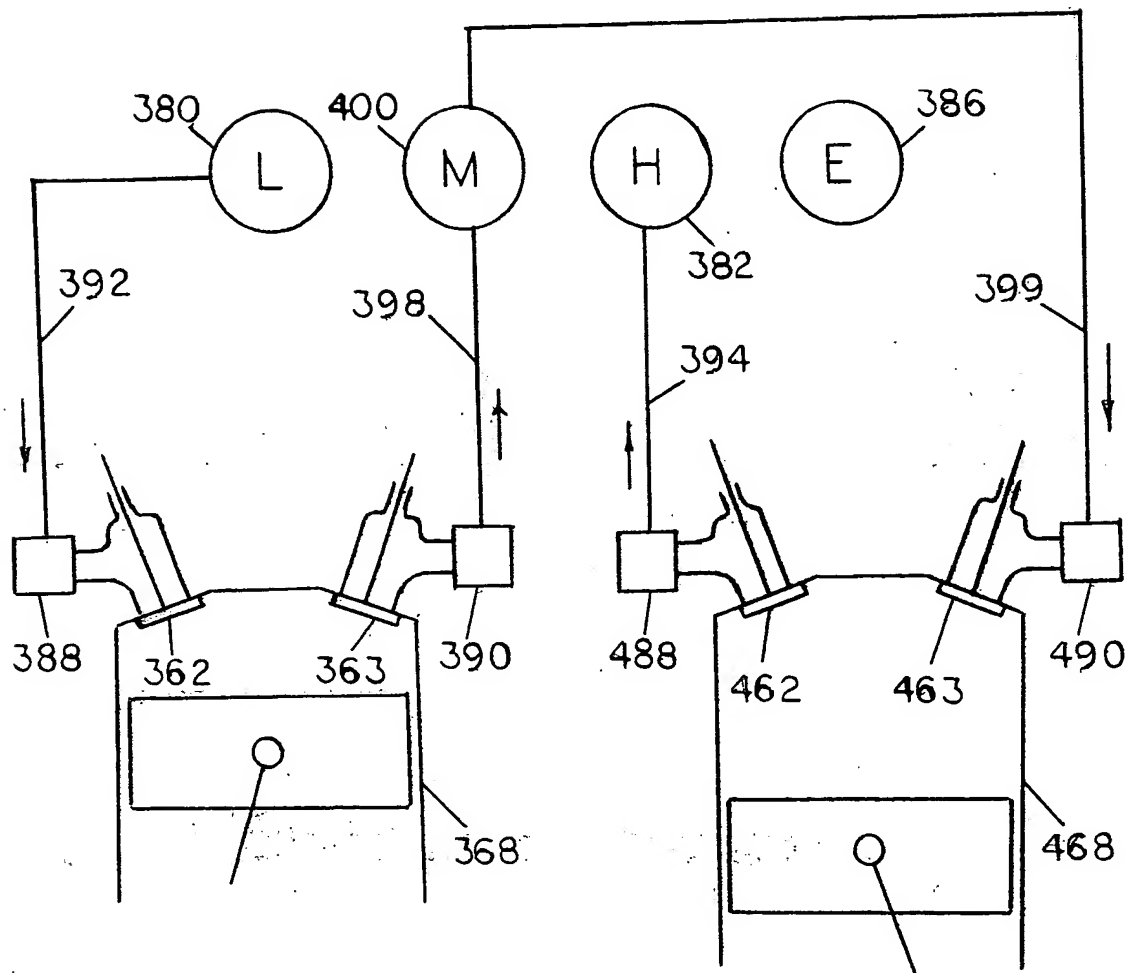


FIG. 19A

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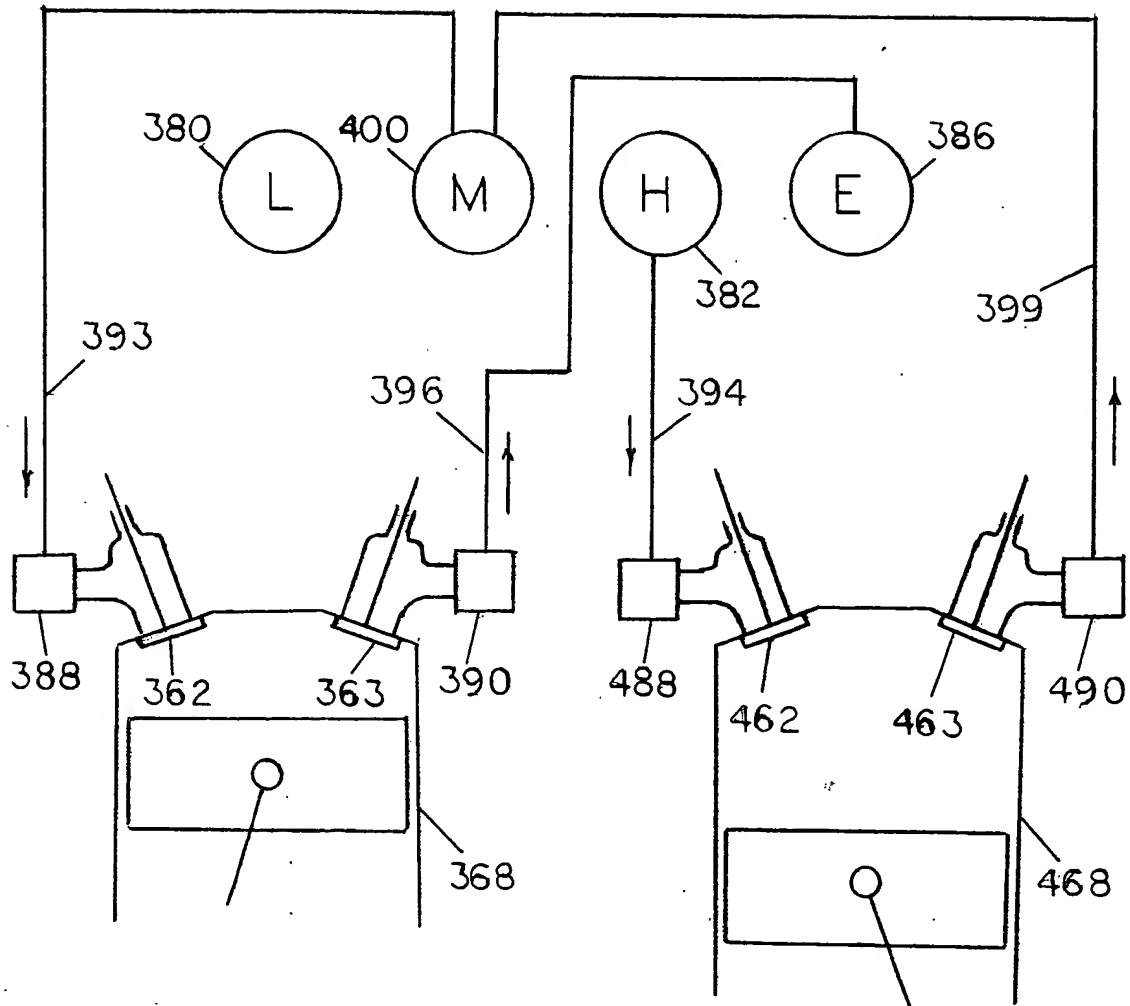


FIG. 19B

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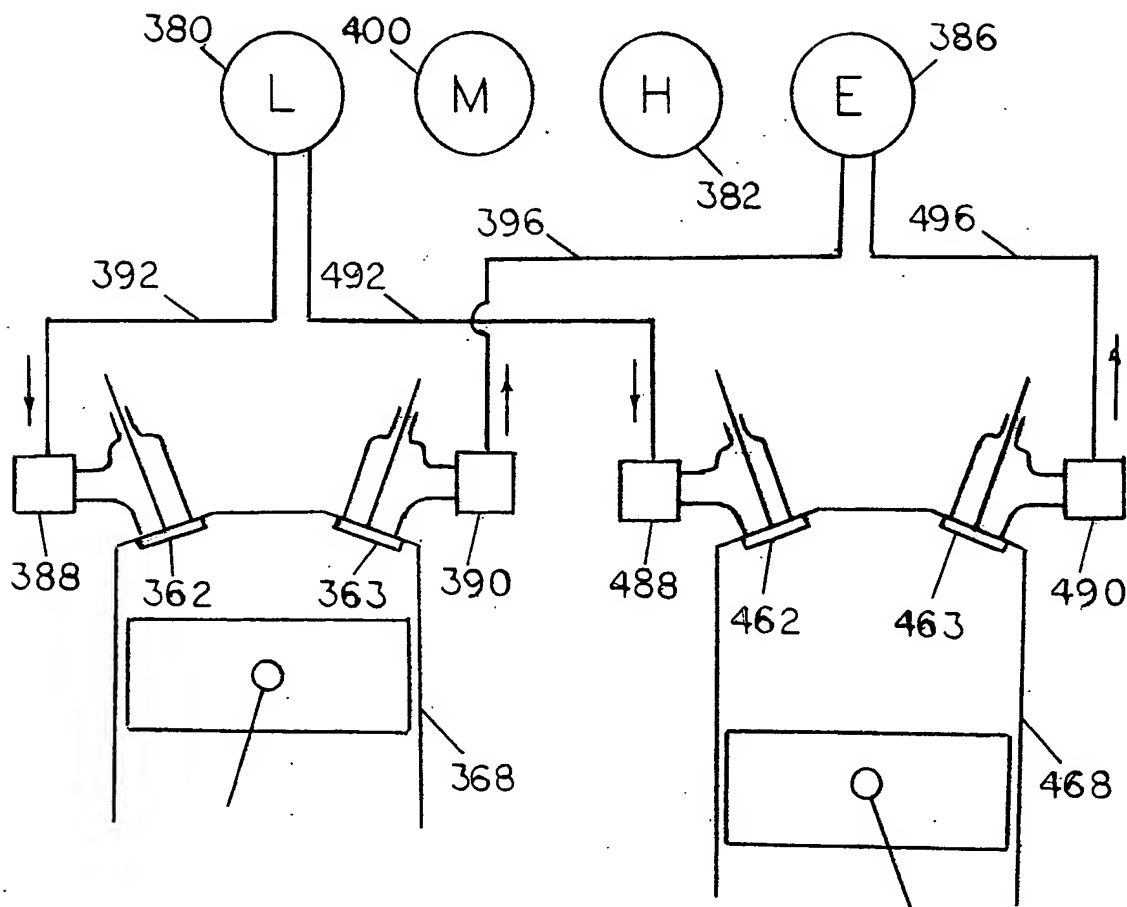


FIG. 19C

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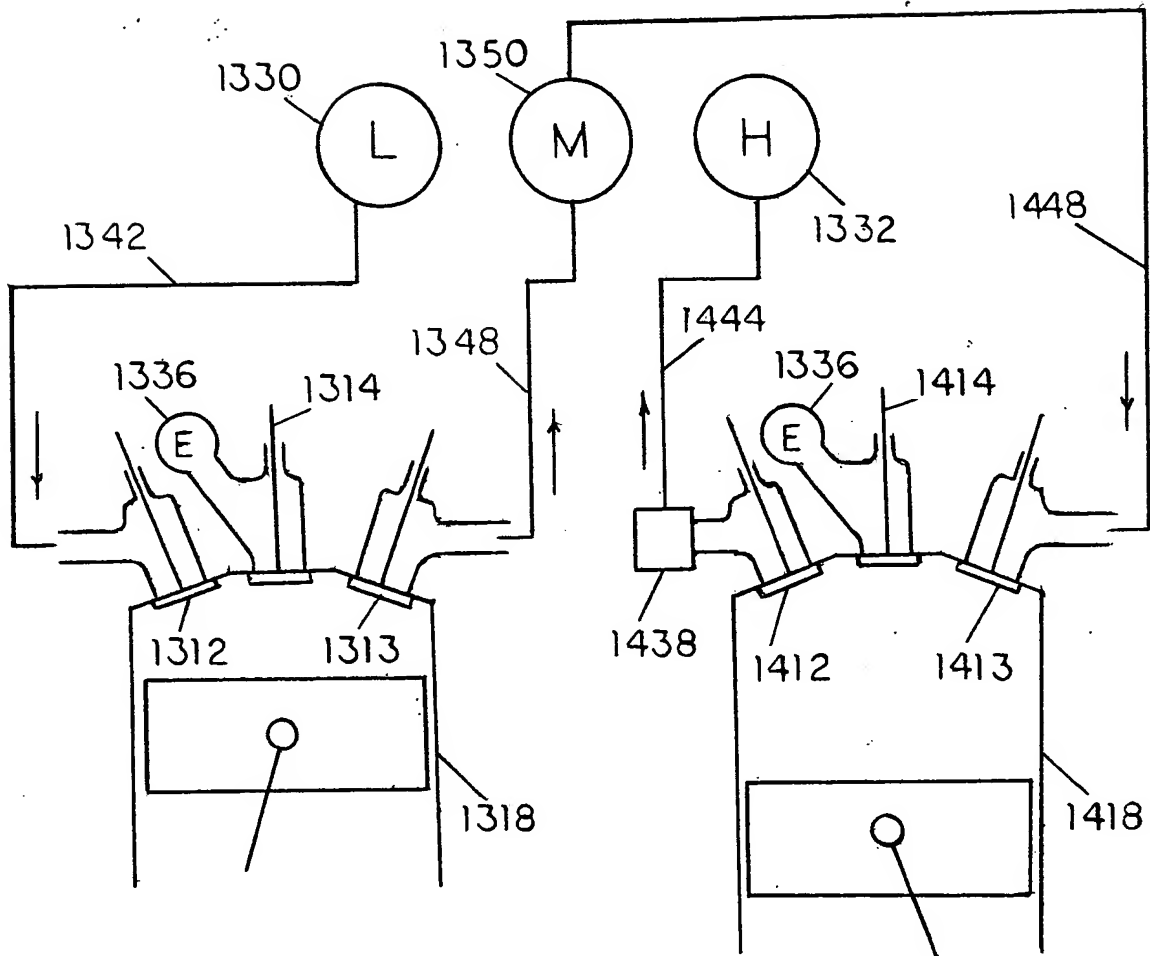


FIG. 20A

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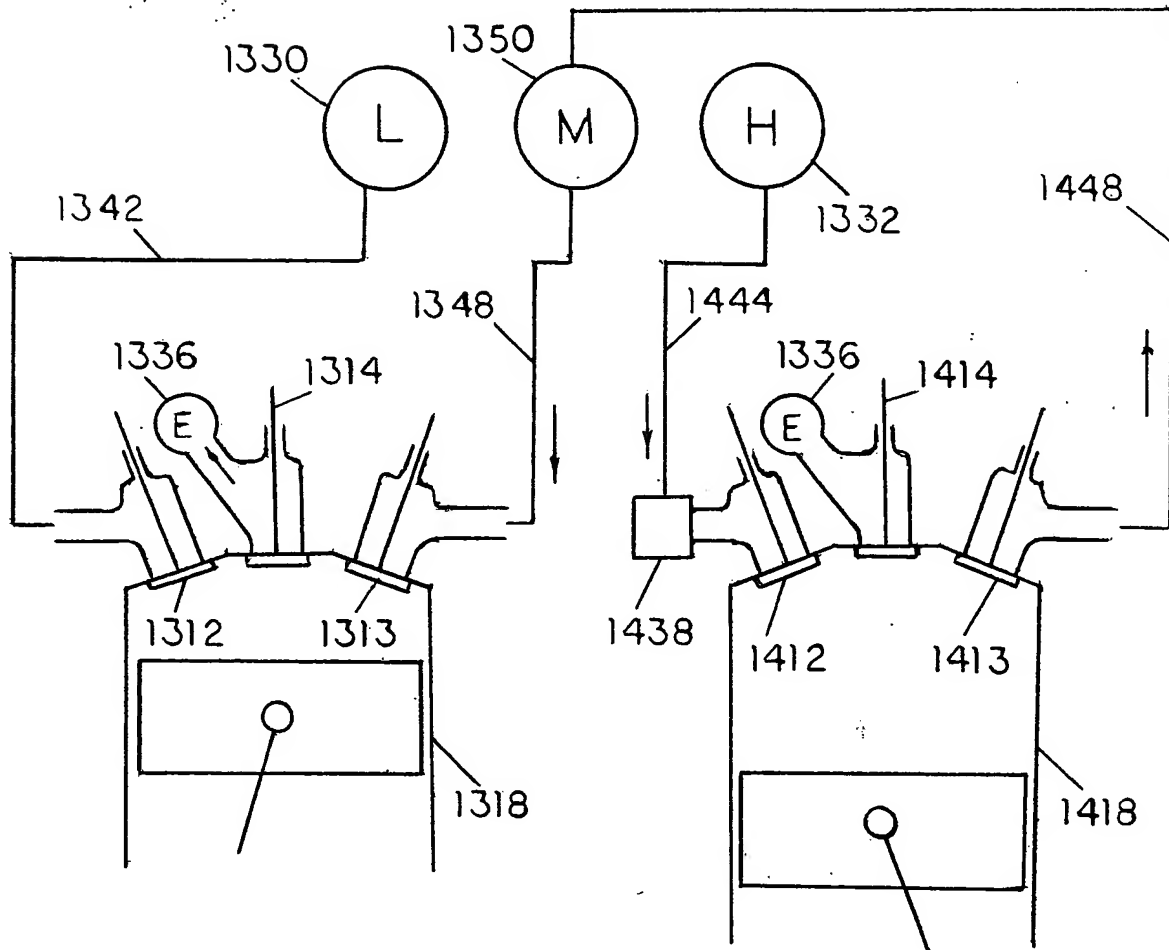


FIG. 20B

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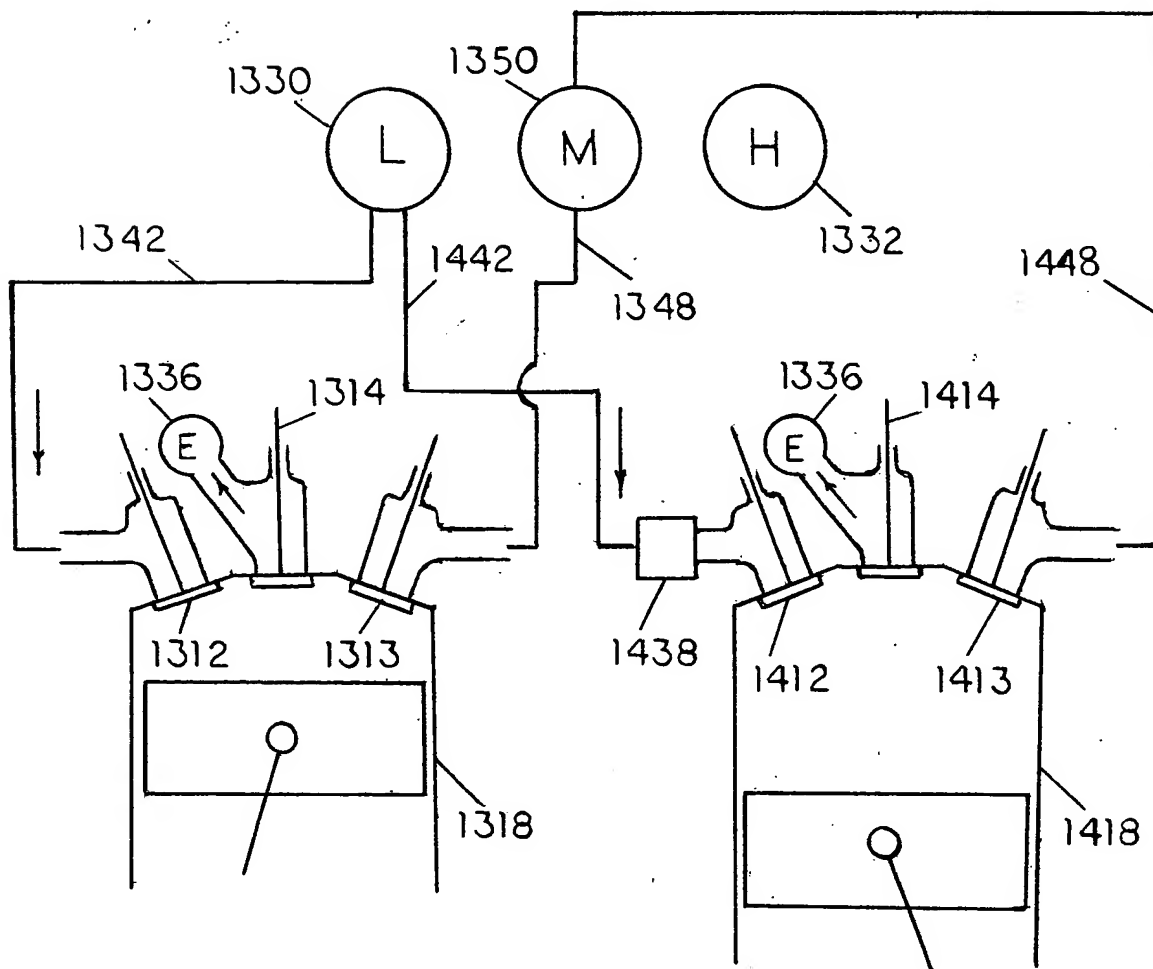


FIG. 20C

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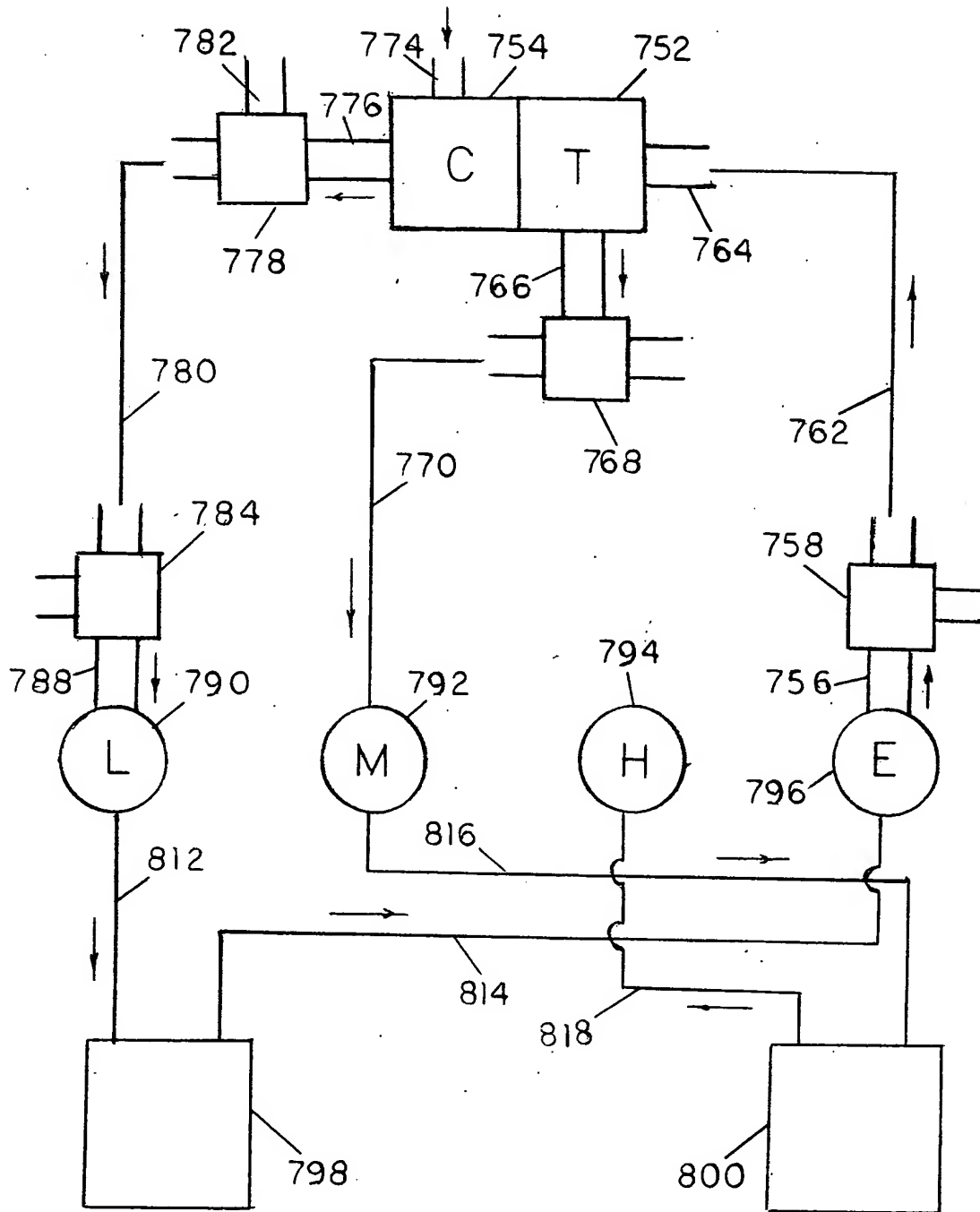


FIG. 21A

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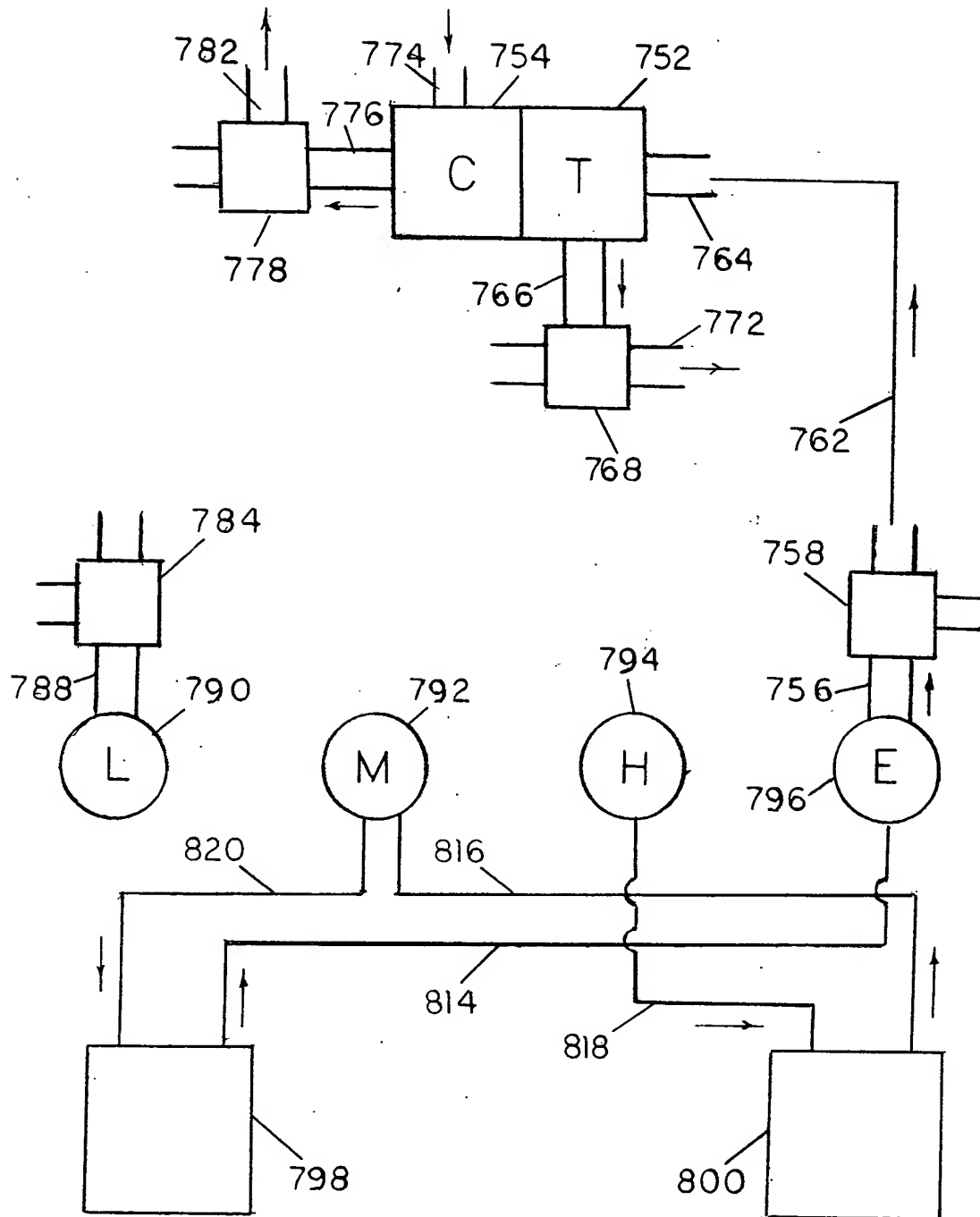


FIG. 21B



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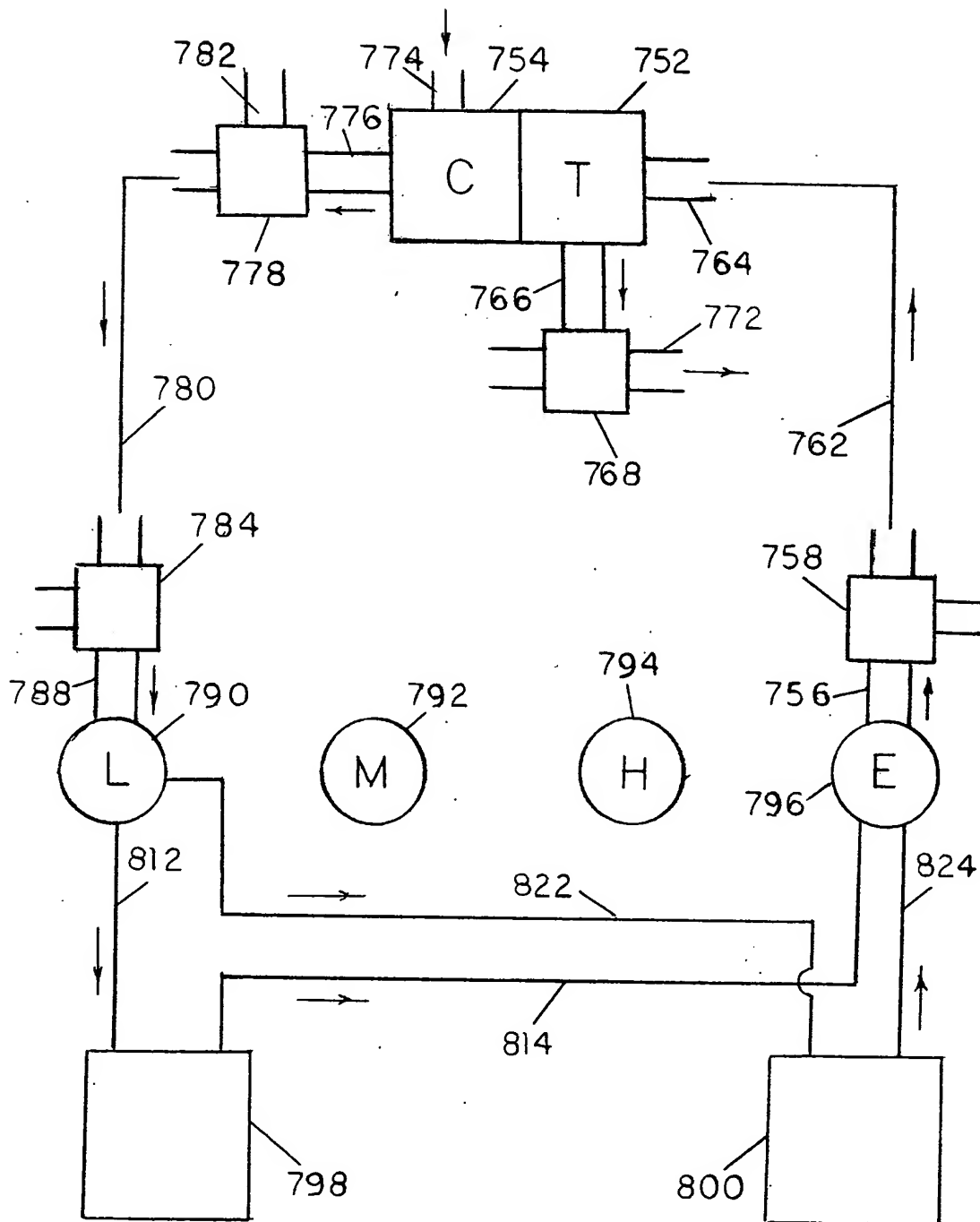
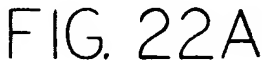


FIG. 21C



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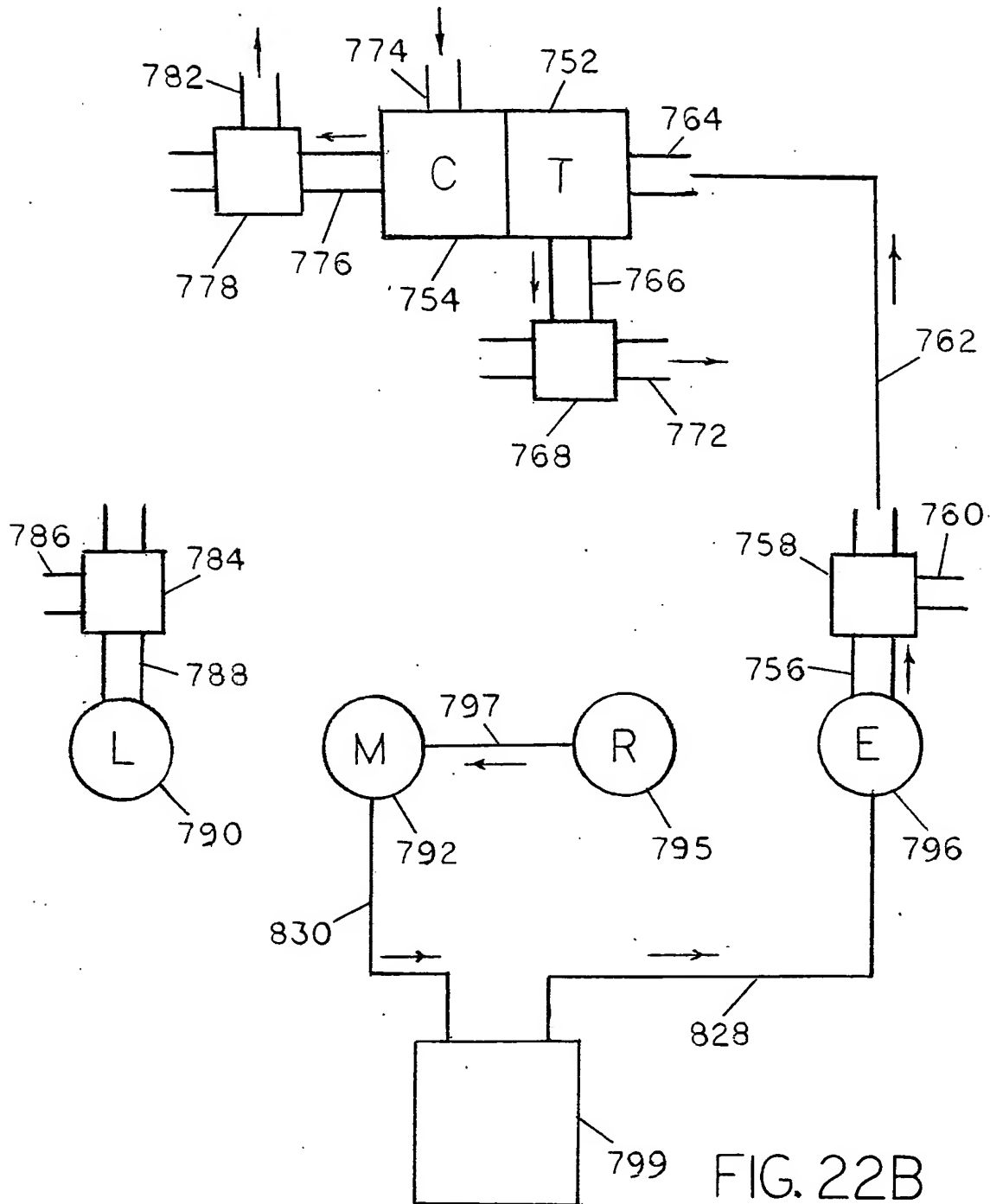
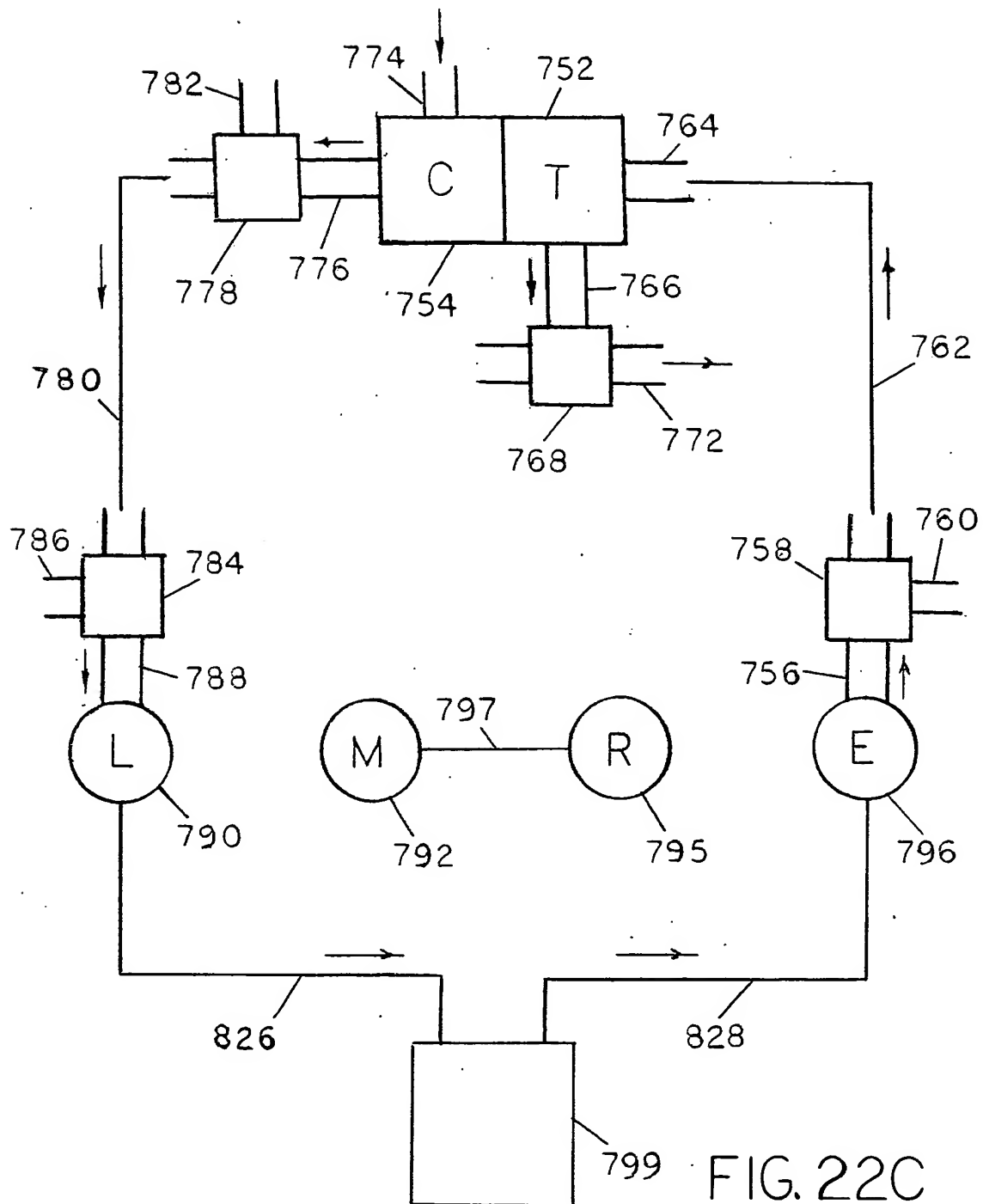


FIG. 22B

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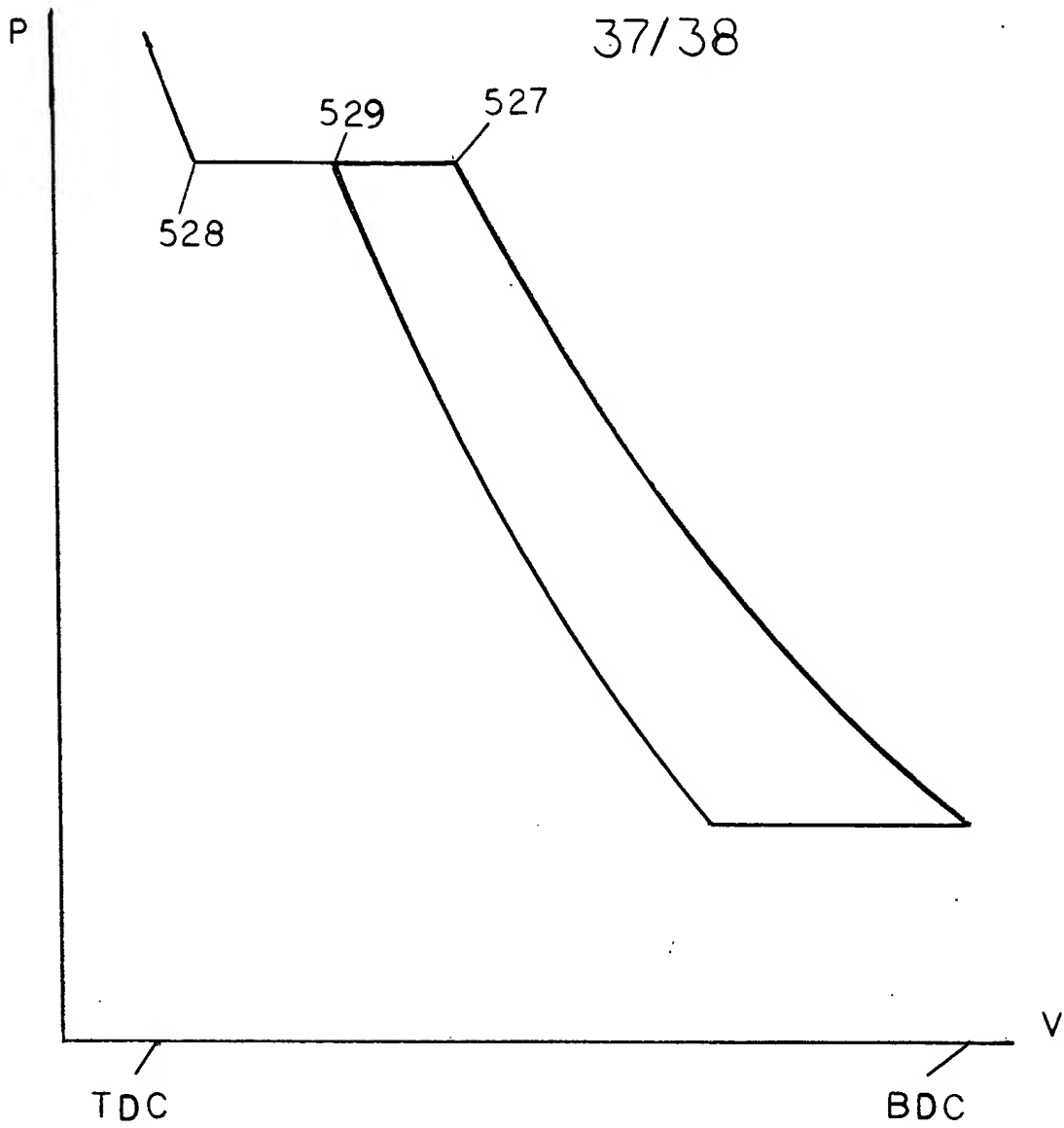


FIG. 23

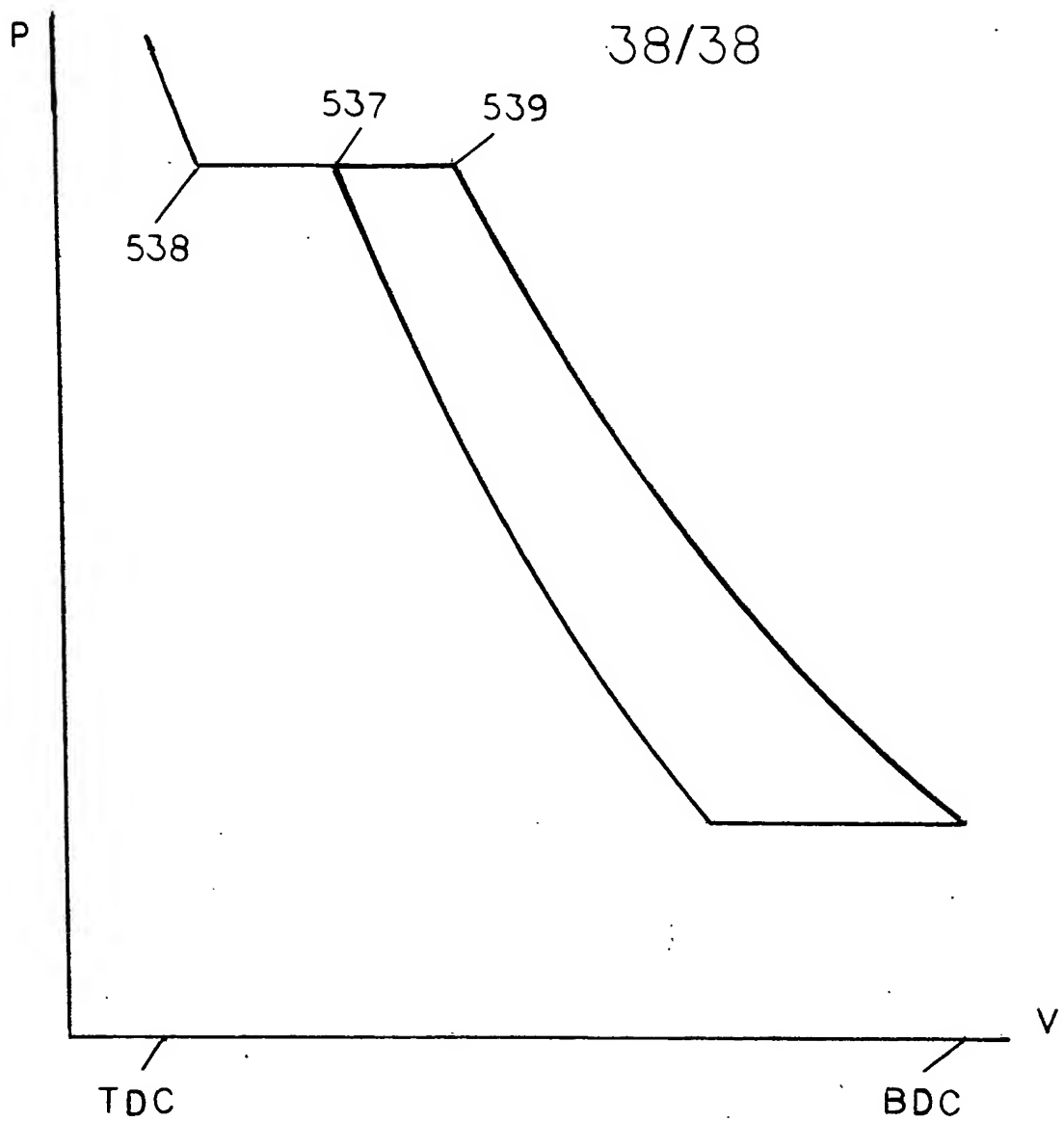


FIG. 24